

## **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 : Q2807**

**ATTENTION : Mark Warchol**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q2807

**Project ID :** Girard School - PA

**Client :** Kleinfelder

**Lab Sample Number**

Q2807-01  
Q2807-02  
Q2807-03

**Client Sample Number**

COMP-4  
COMP-5  
COMP-6

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 :

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 9:15 am, Aug 20, 2025

Date: 8/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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 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.

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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:16 am, Aug 20, 2025*

Signature\_\_\_\_\_

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: SVOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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 SVOCMS Group1.

### **C. Analytical Techniques:**

The samples were analyzed on instrument BNA\_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df 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 met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

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.

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\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:19 am, Aug 20, 2025*

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: PESTICIDE Group1**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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 except for COMP-5 [Tetrachloro-m-xylene(2)163%]. As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

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 PD089843.D met the requirements except for 4,4-DDD is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

### **E. Additional Comments:**

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

### **F. Manual Integration Comments:**



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

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

---

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:20 am, Aug 20, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: PCB Group1**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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\_O. 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 File ID PO112850.D met the requirements except for Aroclor-1016(Peak-01),Tetrachloro-m-xylene is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

### **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.



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

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:20 am, Aug 20, 2025*

Signature\_\_\_\_\_

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: Mercury, Metals ICP-Group1**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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-4 was diluted due to high concentrations for Mercury & Sample COMP-5 was diluted due to high concentrations for Mercury & Sample COMP-6 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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:20 am, Aug 20, 2025*

Signature\_\_\_\_\_



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

## CASE NARRATIVE

**Kleinfelder**

**Project Name: Girard School - PA**

**Project # N/A**

**Order ID # Q2807**

**Test Name: Ammonia, Anions Group1, Hexavalent Chromium, Trivalent Chromium**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 08/08/2025.

### **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 (COMP-4MS) analysis met criteria for all compounds except for Anions Group1(Fluoride) due to sample matrix interference.

The Matrix Spike Duplicate (COMP-4MSD) analysis met criteria for all compounds except for Anions Group1(Fluoride) due to sample matrix interference.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:21 am, Aug 20, 2025*

Signature \_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

## 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: <ol style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2807

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 Custody

✓

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: 08/20/2025

## LAB CHRONICLE

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

| LabID           | ClientID      | Matrix      | Test         | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|--------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2807-01</b> | <b>COMP-4</b> | <b>SOIL</b> | VOCMS Group1 | 8260D  | <b>08/07/25</b> |           | 08/11/25  | <b>08/08/25</b> |
| <b>Q2807-02</b> | <b>COMP-5</b> | <b>SOIL</b> | VOCMS Group1 | 8260D  | <b>08/07/25</b> |           | 08/11/25  | <b>08/08/25</b> |
| <b>Q2807-03</b> | <b>COMP-6</b> | <b>SOIL</b> | VOCMS Group1 | 8260D  | <b>08/07/25</b> |           | 08/11/25  | <b>08/08/25</b> |

**Hit Summary Sheet**  
SW-846

SDG No.: Q2807  
Client: Kleinfelder

| Sample ID            | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|---|-----|-----|-------|
| Client ID:           |           |        |           | 0             |   |     |     |       |
| Total Voc :          |           |        |           |               |   |     |     |       |
| Total Concentration: |           |        |           |               |   |     |     |       |

A  
B  
C  
D  
E  
F  
G



# SAMPLE DATA



## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25     |
| Project:           | Girard School - PA | Date Received:  | 08/08/25     |
| Client Sample ID:  | COMP-4             | SDG No.:        | Q2807        |
| Lab Sample ID:     | Q2807-01           | Matrix:         | SOIL         |
| Analytical Method: | 8260D              | % Solid:        | 83.1         |
| Sample Wt/Vol:     | 5.5 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 |
| VW032063.D        | 1         | 08/11/25 14:00 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 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                | 0.86   | U         | 0.86     | 5.50       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 0.89   | U         | 0.89     | 5.50       | ug/Kg             |
| 108-88-3                  | Toluene                | 0.85   | U         | 0.85     | 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     | 16.4       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 0.85   | U         | 0.85     | 5.50       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 52.0   |           | 63 - 155 | 104%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.4   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 49.7   |           | 74 - 123 | 99%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 47.8   |           | 17 - 146 | 96%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 177000 | 7.953     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 364000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 350000 | 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

## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25     |
| Project:           | Girard School - PA | Date Received:  | 08/08/25     |
| Client Sample ID:  | COMP-5             | SDG No.:        | Q2807        |
| Lab Sample ID:     | Q2807-02           | Matrix:         | SOIL         |
| Analytical Method: | 8260D              | % Solid:        | 84.5         |
| Sample Wt/Vol:     | 5.62 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 |
| VW032064.D        | 1         | 08/11/25 14:22 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.79   | U         | 0.79     | 5.30       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.98   | U         | 0.98     | 5.30       | ug/Kg             |
| 71-43-2                   | Benzene                | 0.83   | U         | 0.83     | 5.30       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 0.85   | U         | 0.85     | 5.30       | ug/Kg             |
| 108-88-3                  | Toluene                | 0.82   | U         | 0.82     | 5.30       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.71   | U         | 0.71     | 5.30       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 2.16   | U         | 2.16     | 15.8       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 0.82   | U         | 0.82     | 5.30       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 49.3   |           | 63 - 155 | 99%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 48.5   |           | 70 - 134 | 97%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.1   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 48.3   |           | 17 - 146 | 97%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 187000 | 7.965     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 390000 | 8.855     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 377000 | 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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | Kleinfelder                       | Date Collected: | 08/07/25             |
| Project:           | Girard School - PA                | Date Received:  | 08/08/25             |
| Client Sample ID:  | COMP-6                            | SDG No.:        | Q2807                |
| Lab Sample ID:     | Q2807-03                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.6                 |
| Sample Wt/Vol:     | 5.54      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 |
| VW032065.D        | 1         | 08/11/25 14:44 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.81   | U         | 0.81     | 5.40       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 1.00   | U         | 1.00     | 5.40       | ug/Kg             |
| 71-43-2                   | Benzene                | 0.85   | U         | 0.85     | 5.40       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 0.87   | U         | 0.87     | 5.40       | ug/Kg             |
| 108-88-3                  | Toluene                | 0.84   | U         | 0.84     | 5.40       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.72   | U         | 0.72     | 5.40       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 2.19   | U         | 2.19     | 16.2       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 0.84   | U         | 0.84     | 5.40       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 57.3   |           | 63 - 155 | 115%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 53.5   |           | 70 - 134 | 107%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 53.0   |           | 74 - 123 | 106%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 56.1   |           | 17 - 146 | 112%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 171000 | 7.965     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 362000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 359000 | 11.629    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 176000 | 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

## Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: SW8260D

| Lab Sample ID | Client ID    | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |              |                       |       |        |              |      | Low        | High |
| Q2807-01      | COMP-4       | 1,2-Dichloroethane-d4 | 50    | 52.0   | 104          |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 50.4   | 101          |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 49.7   | 99           |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 47.8   | 96           |      | 17         | 146  |
| Q2807-02      | COMP-5       | 1,2-Dichloroethane-d4 | 50    | 49.3   | 99           |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 48.5   | 97           |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 48.1   | 96           |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 48.3   | 97           |      | 17         | 146  |
| Q2807-03      | COMP-6       | 1,2-Dichloroethane-d4 | 50    | 57.3   | 115          |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 53.5   | 107          |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 53.0   | 106          |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 56.1   | 112          |      | 17         | 146  |
| VW0811SBL01   | VW0811SBL01  | 1,2-Dichloroethane-d4 | 50    | 52.6   | 105          |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 47.8   | 96           |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 49.1   | 98           |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 47.4   | 95           |      | 17         | 146  |
| VW0811SBS01   | VW0811SBS01  | 1,2-Dichloroethane-d4 | 50    | 50.8   | 102          |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 48.9   | 98           |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 49.8   | 100          |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 52.4   | 105          |      | 17         | 146  |
| VW0811SBSD0   | VW0811SBSD01 | 1,2-Dichloroethane-d4 | 50    | 49.8   | 100          |      | 63         | 155  |
|               |              | Dibromofluoromethane  | 50    | 47.0   | 94           |      | 70         | 134  |
|               |              | Toluene-d8            | 50    | 48.3   | 97           |      | 74         | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 49.8   | 100          |      | 17         | 146  |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 Analytical Method: SW8260D  
Client: Kleinfelder Datafile : VW032061.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VW0811SBS01   | cis-1,2-Dichloroethene | 20    | 21.2   | ug/Kg | 106 |     |      | 82  | 123    |     |
|               | 1,1,1-Trichloroethane  | 20    | 20.7   | ug/Kg | 104 |     |      | 80  | 126    |     |
|               | Benzene                | 20    | 21.0   | ug/Kg | 105 |     |      | 84  | 121    |     |
|               | Trichloroethene        | 20    | 20.2   | ug/Kg | 101 |     |      | 83  | 122    |     |
|               | Toluene                | 20    | 21.0   | ug/Kg | 105 |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 20    | 20.1   | ug/Kg | 101 |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 40    | 40.9   | ug/Kg | 102 |     |      | 83  | 124    |     |
|               | o-Xylene               | 20    | 21.2   | ug/Kg | 106 |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 20    | 19.9   | ug/Kg | 100 |     |      | 82  | 124    |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 Analytical Method: SW8260D  
Client: Kleinfelder Datafile : VW032062.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VW0811SBSD01  | cis-1,2-Dichloroethene | 20    | 20.8   | ug/Kg | 104 | 2   |      | 82  | 123    | 20  |
|               | 1,1,1-Trichloroethane  | 20    | 20.4   | ug/Kg | 102 | 2   |      | 80  | 126    | 20  |
|               | Benzene                | 20    | 20.2   | ug/Kg | 101 | 4   |      | 84  | 121    | 20  |
|               | Trichloroethene        | 20    | 20.1   | ug/Kg | 101 | 0   |      | 83  | 122    | 20  |
|               | Toluene                | 20    | 20.5   | ug/Kg | 103 | 2   |      | 83  | 122    | 20  |
|               | Ethyl Benzene          | 20    | 20.5   | ug/Kg | 103 | 2   |      | 82  | 124    | 20  |
|               | m/p-Xylenes            | 40    | 40.7   | ug/Kg | 102 | 0   |      | 83  | 124    | 20  |
|               | o-Xylene               | 20    | 20.4   | ug/Kg | 102 | 4   |      | 83  | 123    | 20  |
|               | Isopropylbenzene       | 20    | 19.5   | ug/Kg | 98  | 2   |      | 82  | 124    | 20  |

VOLATILE METHOD BLANK SUMMARY

Client ID

VW0811SBL01

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab File ID: VW032060.D

Lab Sample ID: VW0811SBL01

Date Analyzed: 08/11/2025

Time Analyzed: 12:18

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VW0811SBS01       | VW0811SBS01      | VW032061.D     | 08/11/2025       |
| VW0811SBSD01      | VW0811SBSD01     | VW032062.D     | 08/11/2025       |
| COMP-4            | Q2807-01         | VW032063.D     | 08/11/2025       |
| COMP-5            | Q2807-02         | VW032064.D     | 08/11/2025       |
| COMP-6            | Q2807-03         | VW032065.D     | 08/11/2025       |

COMMENTS: \_\_\_\_\_



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VW032051.D  
Instrument ID: MSVOA\_W  
GC Column: RXI-624 ID: 0.25 (mm)

Contract: POWE02  
SDG NO.: Q2807  
BFB Injection Date: 08/11/2025  
BFB Injection Time: 07:53  
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            | 51.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 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             | 4.9 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.2 ( 95.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.2 ( 6.5 ) 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 |
|--------------|---------------|-------------|---------------|---------------|
| VSTDIC005    | VSTDIC005     | VW032052.D  | 08/11/2025    | 08:25         |
| VSTDIC010    | VSTDIC010     | VW032053.D  | 08/11/2025    | 09:09         |
| VSTDIC020    | VSTDIC020     | VW032054.D  | 08/11/2025    | 09:47         |
| VSTDIC050    | VSTDIC050     | VW032055.D  | 08/11/2025    | 10:09         |
| VSTDIC100    | VSTDIC100     | VW032056.D  | 08/11/2025    | 10:46         |
| VSTDIC150    | VSTDIC150     | VW032057.D  | 08/11/2025    | 11:08         |
| VW0811SBL01  | VW0811SBL01   | VW032060.D  | 08/11/2025    | 12:18         |
| VW0811SBS01  | VW0811SBS01   | VW032061.D  | 08/11/2025    | 12:48         |
| VW0811SBSD01 | VW0811SBSD01  | VW032062.D  | 08/11/2025    | 13:10         |
| COMP-4       | Q2807-01      | VW032063.D  | 08/11/2025    | 14:00         |
| COMP-5       | Q2807-02      | VW032064.D  | 08/11/2025    | 14:22         |
| COMP-6       | Q2807-03      | VW032065.D  | 08/11/2025    | 14:44         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02  
Lab Code: ACE SDG NO.: Q2807  
Lab File ID: VW032055.D Date Analyzed: 08/11/2025  
Instrument ID: MSVOA\_W Time Analyzed: 10:09  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|----------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD    | 223324        | 7.96  | 406973        | 8.85  | 378090        | 11.63  |
| UPPER LIMIT    | 446648        | 8.459 | 813946        | 9.349 | 756180        | 12.129 |
| LOWER LIMIT    | 111662        | 7.459 | 203487        | 8.349 | 189045        | 11.129 |
| EPA SAMPLE NO. |               |       |               |       |               |        |
| COMP-4         | 176773        | 7.95  | 364442        | 8.85  | 350298        | 11.63  |
| COMP-5         | 187413        | 7.97  | 390308        | 8.86  | 377426        | 11.64  |
| COMP-6         | 171327        | 7.97  | 362068        | 8.85  | 358834        | 11.63  |
| VW0811SBL01    | 176404        | 7.96  | 391811        | 8.85  | 359327        | 11.64  |
| VW0811SBS01    | 224181        | 7.96  | 427747        | 8.85  | 394820        | 11.63  |
| VW0811SBSD01   | 226773        | 7.96  | 441696        | 8.85  | 400240        | 11.64  |

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02  
 Lab Code: ACE SDG NO.: Q2807  
 Lab File ID: VW032055.D Date Analyzed: 08/11/2025  
 Instrument ID: MSVOA\_W Time Analyzed: 10:09  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 178995        | 13.556 |  |  |  |  |
| UPPER LIMIT    | 357990        | 14.056 |  |  |  |  |
| LOWER LIMIT    | 89497.5       | 13.056 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| COMP-4         | 165686        | 13.56  |  |  |  |  |
| COMP-5         | 181852        | 13.56  |  |  |  |  |
| COMP-6         | 176343        | 13.56  |  |  |  |  |
| VW0811SBL01    | 169733        | 13.56  |  |  |  |  |
| VW0811SBS01    | 191594        | 13.56  |  |  |  |  |
| VW0811SBSD01   | 195548        | 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

## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | Kleinfelder        | Date Collected: |              |
| Project:           | Girard School - PA | Date Received:  |              |
| Client Sample ID:  | VW0811SBL01        | SDG No.:        | Q2807        |
| Lab Sample ID:     | VW0811SBL01        | 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 |
| VW032060.D        | 1         | 08/11/25 12:18 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 52.6   |           | 63 - 155 | 105%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 47.8   |           | 70 - 134 | 96%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 49.1   |           | 74 - 123 | 98%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 47.4   |           | 17 - 146 | 95%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 176000 | 7.959     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 392000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 359000 | 11.635    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 170000 | 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

## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | Kleinfelder        | Date Collected: |              |
| Project:           | Girard School - PA | Date Received:  |              |
| Client Sample ID:  | VW0811SBS01        | SDG No.:        | Q2807        |
| Lab Sample ID:     | VW0811SBS01        | 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 |
| VW032061.D        | 1         | 08/11/25 12:48 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 21.2   |           | 0.75     | 5.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 20.7   |           | 0.93     | 5.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 21.0   |           | 0.79     | 5.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 20.2   |           | 0.81     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 21.0   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 20.1   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 62.1   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 19.9   |           | 0.78     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 50.8   |           | 63 - 155 | 102%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 48.9   |           | 70 - 134 | 98%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 49.8   |           | 74 - 123 | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 52.4   |           | 17 - 146 | 105%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 224000 | 7.959     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 428000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 395000 | 11.629    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 192000 | 13.556    |          |            |                   |

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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

## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | Kleinfelder        | Date Collected: |              |
| Project:           | Girard School - PA | Date Received:  |              |
| Client Sample ID:  | VW0811SBSD01       | SDG No.:        | Q2807        |
| Lab Sample ID:     | VW0811SBSD01       | 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 |
| VW032062.D        | 1         | 08/11/25 13:10 | VW081125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 20.8   |           | 0.75     | 5.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 20.4   |           | 0.93     | 5.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 20.2   |           | 0.79     | 5.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 20.1   |           | 0.81     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 20.5   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 20.5   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 61.1   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 19.5   |           | 0.78     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 49.8   |           | 63 - 155 | 100%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 47.0   |           | 70 - 134 | 94%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.3   |           | 74 - 123 | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 49.8   |           | 17 - 146 | 100%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 227000 | 7.959     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 442000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 400000 | 11.635    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 196000 | 13.556    |          |            |                   |

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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



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02  
Lab Code: ACE SDG No.: Q2807  
Instrument ID: MSVOA\_W Calibration Date(s): 08/11/2025 08/11/2025  
Heated Purge: (Y/N) Y Calibration Time(s): 08:25 11:08  
GC Column: RXI-624 ID: 0.25 (mm)

| LAB FILE ID:           |        |        |                     |        |        |                     |       |       |
|------------------------|--------|--------|---------------------|--------|--------|---------------------|-------|-------|
| RRF005 = VW032052.D    |        |        | RRF010 = VW032053.D |        |        | RRF020 = VW032054.D |       |       |
| RRF050 = VW032055.D    |        |        | RRF100 = VW032056.D |        |        | RRF150 = VW032057.D |       |       |
| COMPOUND               | RRF005 | RRF010 | RRF020              | RRF050 | RRF100 | RRF150              | RRF   | % RSD |
| cis-1,2-Dichloroethene | 0.711  | 0.736  | 0.772               | 0.749  | 0.775  | 0.769               | 0.752 | 3.3   |
| 1,1,1-Trichloroethane  | 0.960  | 0.949  | 0.965               | 0.872  | 0.869  | 0.878               | 0.915 | 5.1   |
| Benzene                | 1.399  | 1.423  | 1.439               | 1.469  | 1.365  | 1.398               | 1.415 | 2.6   |
| Trichloroethene        | 0.353  | 0.334  | 0.342               | 0.339  | 0.319  | 0.335               | 0.337 | 3.3   |
| Toluene                | 0.837  | 0.882  | 0.910               | 0.932  | 0.887  | 0.902               | 0.892 | 3.6   |
| Ethyl Benzene          | 1.714  | 1.806  | 1.921               | 1.870  | 1.830  | 1.921               | 1.843 | 4.3   |
| m/p-Xylenes            | 0.645  | 0.707  | 0.754               | 0.731  | 0.702  | 0.730               | 0.711 | 5.3   |
| o-Xylene               | 0.578  | 0.639  | 0.673               | 0.681  | 0.675  | 0.699               | 0.657 | 6.6   |
| Isopropylbenzene       | 2.910  | 3.454  | 3.525               | 3.657  | 3.595  | 3.825               | 3.494 | 9     |
| 1,2-Dichloroethane-d4  | 0.746  | 0.748  | 0.720               | 0.716  | 0.712  | 0.697               | 0.723 | 2.7   |
| Dibromofluoromethane   | 0.336  | 0.328  | 0.326               | 0.325  | 0.313  | 0.311               | 0.323 | 3     |
| Toluene-d8             | 1.175  | 1.180  | 1.207               | 1.245  | 1.184  | 1.178               | 1.195 | 2.3   |
| 4-Bromofluorobenzene   | 0.428  | 0.431  | 0.444               | 0.460  | 0.438  | 0.441               | 0.440 | 2.6   |

\* 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.

## LAB CHRONICLE

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

| LabID           | ClientID      | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2807-01</b> | <b>COMP-4</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>08/07/25</b> | 08/11/25  | 08/12/25  | <b>08/08/25</b> |
| <b>Q2807-02</b> | <b>COMP-5</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>08/07/25</b> | 08/11/25  | 08/12/25  | <b>08/08/25</b> |
| <b>Q2807-03</b> | <b>COMP-6</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>08/07/25</b> | 08/11/25  | 08/12/25  | <b>08/08/25</b> |

### Hit Summary Sheet SW-846

**SDG No.:** Q2807  
**Client:** Kleinfelder

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C | MDL  | RDL | Units |
|----------------------|-----------|--------|------------------------|---------------|---|------|-----|-------|
| Client ID : COMP-5   |           |        |                        |               |   |      |     |       |
| Q2807-02             | COMP-5    | SOIL   | Phenanthrene           | 110.000       | J | 24.7 | 200 | ug/Kg |
| Q2807-02             | COMP-5    | SOIL   | Pyrene                 | 120.000       | J | 42.5 | 200 | ug/Kg |
| Q2807-02             | COMP-5    | SOIL   | Benzo(a)anthracene     | 94.400        | J | 27.1 | 200 | ug/Kg |
| Q2807-02             | COMP-5    | SOIL   | Chrysene               | 89.700        | J | 23.5 | 200 | ug/Kg |
| Q2807-02             | COMP-5    | SOIL   | Benzo(b)fluoranthene   | 110.000       | J | 22.4 | 200 | ug/Kg |
| Q2807-02             | COMP-5    | SOIL   | Benzo(a)pyrene         | 85.900        | J | 34.8 | 200 | ug/Kg |
| Total Svoc :         |           |        |                        | 610.00        |   |      |     |       |
| Total Concentration: |           |        |                        | 610.00        |   |      |     |       |
| Client ID : COMP-6   |           |        |                        |               |   |      |     |       |
| Q2807-03             | COMP-6    | SOIL   | Phenanthrene           | 490.000       |   | 25   | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Anthracene             | 100.000       | J | 39.8 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Pyrene                 | 520.000       |   | 43   | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Benzo(a)anthracene     | 380.000       |   | 27.5 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Chrysene               | 360.000       |   | 23.8 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Benzo(b)fluoranthene   | 390.000       |   | 22.7 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Benzo(a)pyrene         | 300.000       |   | 35.3 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Indeno(1,2,3-cd)pyrene | 120.000       | J | 34.8 | 200 | ug/Kg |
| Q2807-03             | COMP-6    | SOIL   | Benzo(g,h,i)perylene   | 140.000       | J | 30.7 | 200 | ug/Kg |
| Total Svoc :         |           |        |                        | 2,800.00      |   |      |     |       |
| Total Concentration: |           |        |                        | 2,800.00      |   |      |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-4             | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-01           | Matrix:         | SOIL          |
| Analytical Method: | 8270E              | % Solid:        | 83.1          |
| Sample Wt/Vol:     | 30.05              | Units:          | g             |
| Soil Aliquot Vol:  |                    |                 | uL            |
| Extraction Type :  |                    | Decanted :      | N             |
| Injection Volume : |                    | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541             | Level :         | LOW           |
|                    |                    | Test:           | SVOCMS Group1 |
|                    |                    | Final Vol:      | 1000          |
|                    |                    | GPC Cleanup :   | N             |
|                    |                    | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143355.D        | 1         | 08/11/25 09:32 | 08/12/25 16:02 | PB169189      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 27.3   | U         | 27.3     | 200        | ug/Kg             |
| 86-73-7                   | Fluorene               | 30.4   | U         | 30.4     | 200        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 25.1   | U         | 25.1     | 200        | ug/Kg             |
| 120-12-7                  | Anthracene             | 40.0   | U         | 40.0     | 200        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 43.2   | U         | 43.2     | 200        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 27.6   | U         | 27.6     | 200        | ug/Kg             |
| 218-01-9                  | Chrysene               | 23.9   | U         | 23.9     | 200        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 22.8   | U         | 22.8     | 200        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 35.4   | U         | 35.4     | 200        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 35.0   | U         | 35.0     | 200        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 30.9   | U         | 30.9     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 68.0   |           | 18 - 107 | 68%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 68.4   |           | 20 - 109 | 68%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 54.3   |           | 10 - 105 | 54%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 146000 | 6.928     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 551000 | 8.21      |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 273000 | 9.963     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 405000 | 11.451    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 335000 | 14.086    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 410000 | 15.574    |          |            |                   |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25             |
| Project:           | Girard School - PA | Date Received:  | 08/08/25             |
| Client Sample ID:  | COMP-4             | SDG No.:        | Q2807                |
| Lab Sample ID:     | Q2807-01           | Matrix:         | SOIL                 |
| Analytical Method: | 8270E              | % Solid:        | 83.1                 |
| Sample Wt/Vol:     | 30.05              | Units:          | g                    |
| Soil Aliquot Vol:  |                    | Final Vol:      | 1000 uL              |
| Extraction Type :  |                    | Test:           | SVOCMS Group1        |
|                    | Decanted :         | 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 |
| BF143355.D        | 1         | 08/11/25 09:32 | 08/12/25 16:02 | PB169189      |

| 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

## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-5             | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-02           | Matrix:         | SOIL          |
| Analytical Method: | 8270E              | % Solid:        | 84.5          |
| Sample Wt/Vol:     | 30.09              | Units:          | g             |
| Soil Aliquot Vol:  |                    |                 | uL            |
| Extraction Type :  |                    | Decanted :      | N             |
| Injection Volume : |                    | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541             | Level :         | LOW           |
|                    |                    | Test:           | SVOCMS Group1 |
|                    |                    | Final Vol:      | 1000          |
|                    |                    | GPC Cleanup :   | N             |
|                    |                    | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143354.D        | 1         | 08/11/25 09:32 | 08/12/25 15:33 | PB169189      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |   |      |     |       |
|----------|------------------------|------|---|------|-----|-------|
| 91-20-3  | Naphthalene            | 26.8 | U | 26.8 | 200 | ug/Kg |
| 86-73-7  | Fluorene               | 29.9 | U | 29.9 | 200 | ug/Kg |
| 85-01-8  | Phenanthrene           | 110  | J | 24.7 | 200 | ug/Kg |
| 120-12-7 | Anthracene             | 39.3 | U | 39.3 | 200 | ug/Kg |
| 129-00-0 | Pyrene                 | 120  | J | 42.5 | 200 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 94.4 | J | 27.1 | 200 | ug/Kg |
| 218-01-9 | Chrysene               | 89.7 | J | 23.5 | 200 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 110  | J | 22.4 | 200 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 85.9 | J | 34.8 | 200 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 34.3 | U | 34.3 | 200 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 30.3 | U | 30.3 | 200 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 49.3 |  | 18 - 107 | 49% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 48.9 |  | 20 - 109 | 49% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 38.8 |  | 10 - 105 | 39% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 133000 | 6.928  |
| 1146-65-2  | Naphthalene-d8         | 496000 | 8.21   |
| 15067-26-2 | Acenaphthene-d10       | 253000 | 9.963  |
| 1517-22-2  | Phenanthrene-d10       | 396000 | 11.451 |
| 1719-03-5  | Chrysene-d12           | 326000 | 14.086 |
| 1520-96-3  | Perylene-d12           | 388000 | 15.574 |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25             |
| Project:           | Girard School - PA | Date Received:  | 08/08/25             |
| Client Sample ID:  | COMP-5             | SDG No.:        | Q2807                |
| Lab Sample ID:     | Q2807-02           | Matrix:         | SOIL                 |
| Analytical Method: | 8270E              | % Solid:        | 84.5                 |
| Sample Wt/Vol:     | 30.09              | Units:          | g                    |
| Soil Aliquot Vol:  |                    | Final Vol:      | 1000 uL              |
| Extraction Type :  |                    | Test:           | SVOCMS Group1        |
|                    | Decanted :         | 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 |
| BF143354.D        | 1         | 08/11/25 09:32 | 08/12/25 15:33 | PB169189      |

| 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



## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6             | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03           | Matrix:         | SOIL          |
| Analytical Method: | 8270E              | % Solid:        | 83.6          |
| Sample Wt/Vol:     | 30.02              | Units:          | g             |
| Soil Aliquot Vol:  |                    |                 | uL            |
| Extraction Type :  |                    | Decanted :      | N             |
| Injection Volume : |                    | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541             | Level :         | LOW           |
|                    |                    | Test:           | SVOCMS Group1 |
|                    |                    | Final Vol:      | 1000          |
|                    |                    | GPC Cleanup :   | N             |
|                    |                    | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143356.D        | 1         | 08/11/25 09:32 | 08/12/25 16:32 | PB169189      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 27.1   | U         | 27.1     | 200        | ug/Kg             |
| 86-73-7                   | Fluorene               | 30.2   | U         | 30.2     | 200        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 490    |           | 25.0     | 200        | ug/Kg             |
| 120-12-7                  | Anthracene             | 100    | J         | 39.8     | 200        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 520    |           | 43.0     | 200        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 380    |           | 27.5     | 200        | ug/Kg             |
| 218-01-9                  | Chrysene               | 360    |           | 23.8     | 200        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 390    |           | 22.7     | 200        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 300    |           | 35.3     | 200        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 120    | J         | 34.8     | 200        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 140    | J         | 30.7     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 74.4   |           | 18 - 107 | 74%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 71.3   |           | 20 - 109 | 71%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 55.8   |           | 10 - 105 | 56%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 152000 | 6.928     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 566000 | 8.21      |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 281000 | 9.963     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 410000 | 11.451    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 352000 | 14.086    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 432000 | 15.574    |          |            |                   |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA  | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6              | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03            | Matrix:         | SOIL          |
| Analytical Method: | 8270E               | % Solid:        | 83.6          |
| 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 |
| BF143356.D        | 1         | 08/11/25 09:32 | 08/12/25 16:32 | PB169189      |

| 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

## Surrogate Summary

SW-846

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8270E

| Lab Sample ID | Client ID  | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |            |                  |             |              |              |      | Low        | High |
| PB169189BL    | PB169189BL | Nitrobenzene-d5  | 100         | 95.5         | 96           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 84.7         | 85           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 97.6         | 98           |      | 10         | 105  |
| PB169189BS    | PB169189BS | Nitrobenzene-d5  | 100         | 94.3         | 94           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 85.3         | 85           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 87.8         | 88           |      | 10         | 105  |
| Q2807-01      | COMP-4     | Nitrobenzene-d5  | 100         | 68.0         | 68           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 68.4         | 68           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 54.3         | 54           |      | 10         | 105  |
| Q2807-02      | COMP-5     | Nitrobenzene-d5  | 100         | 49.3         | 49           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 48.9         | 49           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 38.8         | 39           |      | 10         | 105  |
| Q2807-03      | COMP-6     | Nitrobenzene-d5  | 100         | 74.4         | 74           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 71.3         | 71           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 55.8         | 56           |      | 10         | 105  |
| Q2807-03MS    | COMP-6MS   | Nitrobenzene-d5  | 100         | 70.5         | 70           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 65.9         | 66           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 53.3         | 53           |      | 10         | 105  |
| Q2807-03MSD   | COMP-6MSD  | Nitrobenzene-d5  | 100         | 71.1         | 71           |      | 18         | 107  |
|               |            | 2-Fluorobiphenyl | 100         | 64.5         | 65           |      | 20         | 109  |
|               |            | Terphenyl-d14    | 100         | 59.1         | 59           |      | 10         | 105  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2807

**Analytical Method:** SW8270E

**Client:** Kleinfelder

**DataFile:** BF143357.D

| Parameter                        | Spike | Sample<br>Result                  | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------------|-------|-----------------------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| <b>Lab Sample ID: Q2807-03MS</b> |       | <b>Client Sample ID: COMP-6MS</b> |        |       |     |             |     |             |     |                |     |
| Naphthalene                      | 2000  | 0                                 | 1700   | ug/Kg | 85  |             |     |             | 51  | 121            |     |
| Fluorene                         | 2000  | 0                                 | 1700   | ug/Kg | 85  |             |     |             | 53  | 118            |     |
| Phenanthrene                     | 2000  | 490                               | 2100   | ug/Kg | 81  |             |     |             | 52  | 128            |     |
| Anthracene                       | 2000  | 100                               | 1800   | ug/Kg | 85  |             |     |             | 62  | 124            |     |
| Pyrene                           | 2000  | 520                               | 1600   | ug/Kg | 54  |             |     |             | 37  | 122            |     |
| Benzo(a)anthracene               | 2000  | 380                               | 2100   | ug/Kg | 86  |             |     |             | 53  | 119            |     |
| Chrysene                         | 2000  | 360                               | 2000   | ug/Kg | 82  |             |     |             | 57  | 121            |     |
| Benzo(b)fluoranthene             | 2000  | 390                               | 2300   | ug/Kg | 96  |             |     |             | 52  | 117            |     |
| Benzo(a)pyrene                   | 2000  | 300                               | 2100   | ug/Kg | 90  |             |     |             | 70  | 142            |     |
| Indeno(1,2,3-cd)pyrene           | 2000  | 120                               | 1500   | ug/Kg | 69  |             |     |             | 40  | 129            |     |
| Benzo(g,h,i)perylene             | 2000  | 140                               | 1500   | ug/Kg | 68  |             |     |             | 24  | 125            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2807

**Analytical Method:** SW8270E

**Client:** Kleinfelder

**DataFile:** BF143358.D

| Parameter                         | Spike | Sample Result                      | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|------------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q2807-03MSD</b> |       | <b>Client Sample ID: COMP-6MSD</b> |        |       |     |          |     |          |     |             |     |
| Naphthalene                       | 2000  | 0                                  | 1600   | ug/Kg | 80  |          | 6   |          | 51  | 121         | 20  |
| Fluorene                          | 2000  | 0                                  | 1700   | ug/Kg | 85  |          | 0   |          | 53  | 118         | 20  |
| Phenanthrene                      | 2000  | 490                                | 2100   | ug/Kg | 81  |          | 0   |          | 52  | 128         | 20  |
| Anthracene                        | 2000  | 100                                | 1800   | ug/Kg | 85  |          | 0   |          | 62  | 124         | 20  |
| Pyrene                            | 2000  | 520                                | 1800   | ug/Kg | 64  |          | 17  |          | 37  | 122         | 20  |
| Benzo(a)anthracene                | 2000  | 380                                | 2100   | ug/Kg | 86  |          | 0   |          | 53  | 119         | 20  |
| Chrysene                          | 2000  | 360                                | 2100   | ug/Kg | 87  |          | 6   |          | 57  | 121         | 20  |
| Benzo(b)fluoranthene              | 2000  | 390                                | 2300   | ug/Kg | 96  |          | 0   |          | 52  | 117         | 20  |
| Benzo(a)pyrene                    | 2000  | 300                                | 2100   | ug/Kg | 90  |          | 0   |          | 70  | 142         | 20  |
| Indeno(1,2,3-cd)pyrene            | 2000  | 120                                | 1600   | ug/Kg | 74  |          | 7   |          | 40  | 129         | 20  |
| Benzo(g,h,i)perylene              | 2000  | 140                                | 1500   | ug/Kg | 68  |          | 0   |          | 24  | 125         | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| <b>SDG No.:</b> <u>Q2807</u>      | <b>Analytical Method:</b> <u>8270E</u> |
| <b>Client:</b> <u>Kleinfelder</u> | <b>DataFile:</b> <u>BF143353.D</u>     |

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                        |       |        |       |     |     |      | Qual | Low    | High |     |
| PB169189BS    | 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  | 1500   | ug/Kg | 88  |     |      |      | 61     | 105  |     |
|               | Pyrene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Benzo(a)anthracene     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60     | 102  |     |
|               | Chrysene               | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59     | 101  |     |
|               | Benzo(b)fluoranthene   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 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  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169189BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab File ID: BF143352.D

Lab Sample ID: PB169189BL

Instrument ID: BNA\_F

Date Extracted: 08/11/2025

Matrix: (soil/water) SOIL

Date Analyzed: 08/12/2025

Level: (low/med) LOW

Time Analyzed: 14:22

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB169189BS        | PB169189BS       | BF143353.D     | 08/12/2025       |
| COMP-5            | Q2807-02         | BF143354.D     | 08/12/2025       |
| COMP-4            | Q2807-01         | BF143355.D     | 08/12/2025       |
| COMP-6            | Q2807-03         | BF143356.D     | 08/12/2025       |
| COMP-6MS          | Q2807-03MS       | BF143357.D     | 08/12/2025       |
| COMP-6MSD         | Q2807-03MSD      | BF143358.D     | 08/12/2025       |

COMMENTS: \_\_\_\_\_



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143342.D  
Instrument ID: BNA\_F

Contract: POWE02  
SDG NO.: Q2807  
DFTPP Injection Date: 08/12/2025  
DFTPP Injection Time: 08:34

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 29.6                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 5.5                  |
| 365 | Greater than 1% of mass 198        | 2.9                  |
| 441 | Present, but less than mass 443    | 15.1                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.4 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BF143343.D     | 08/12/2025       | 09:03            |
| SSTDICC005        | SSTDICC005       | BF143344.D     | 08/12/2025       | 09:34            |
| SSTDICC010        | SSTDICC010       | BF143345.D     | 08/12/2025       | 10:04            |
| SSTDICC020        | SSTDICC020       | BF143346.D     | 08/12/2025       | 10:35            |
| SSTDICCC040       | SSTDICCC040      | BF143347.D     | 08/12/2025       | 11:06            |
| SSTDICC050        | SSTDICC050       | BF143348.D     | 08/12/2025       | 11:37            |
| SSTDICC060        | SSTDICC060       | BF143349.D     | 08/12/2025       | 12:07            |
| SSTDICC080        | SSTDICC080       | BF143350.D     | 08/12/2025       | 12:38            |
| PB169189BL        | PB169189BL       | BF143352.D     | 08/12/2025       | 14:22            |
| PB169189BS        | PB169189BS       | BF143353.D     | 08/12/2025       | 14:53            |
| COMP-5            | Q2807-02         | BF143354.D     | 08/12/2025       | 15:33            |
| COMP-4            | Q2807-01         | BF143355.D     | 08/12/2025       | 16:02            |
| COMP-6            | Q2807-03         | BF143356.D     | 08/12/2025       | 16:32            |
| COMP-6MS          | Q2807-03MS       | BF143357.D     | 08/12/2025       | 17:02            |
| COMP-6MSD         | Q2807-03MSD      | BF143358.D     | 08/12/2025       | 17:32            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2807

Client ID : SSTDICCC040

Date Analyzed: 08/12/2025

Lab File ID: BF143347.D

Time Analyzed: 11:06

Instrument ID: BNA\_F

GC Column: DB-UI ID: 0.18 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT # | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|------|---------------------|--------|
| 12 HOUR STD    | 167361              | 6.934 | 655032              | 8.21 | 345532              | 9.97   |
| UPPER LIMIT    | 334722              | 7.434 | 1310060             | 8.71 | 691064              | 10.469 |
| LOWER LIMIT    | 83680.5             | 6.434 | 327516              | 7.71 | 172766              | 9.469  |
| EPA SAMPLE NO. |                     |       |                     |      |                     |        |
| 01 PB169189BL  | 164595              | 6.93  | 636089              | 8.21 | 350207              | 9.96   |
| 02 PB169189BS  | 165936              | 6.93  | 641337              | 8.21 | 345183              | 9.97   |
| 03 COMP-4      | 146370              | 6.93  | 551165              | 8.21 | 273111              | 9.96   |
| 04 COMP-5      | 133341              | 6.93  | 496028              | 8.21 | 252686              | 9.96   |
| 05 COMP-6      | 152247              | 6.93  | 565615              | 8.21 | 280798              | 9.96   |
| 06 COMP-6MS    | 156492              | 6.93  | 586819              | 8.21 | 297224              | 9.96   |
| 07 COMP-6MSD   | 182920              | 6.93  | 692344              | 8.21 | 366844              | 9.97   |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2807

Client ID: SSTDICCC040

Date Analyzed: 08/12/2025

Lab File ID: BF143347.D

Time Analyzed: 11:06

Instrument ID: BNA\_F

GC Column: DB-UI ID: 0.18 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 517467              | 11.451 | 290137              | 14.092 | 328158              | 15.58 |
| UPPER LIMIT    | 1034930             | 11.951 | 580274              | 14.592 | 656316              | 16.08 |
| LOWER LIMIT    | 258734              | 10.951 | 145069              | 13.592 | 164079              | 15.08 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 PB169189BL  | 576646              | 11.45  | 343112              | 14.09  | 274972              | 15.58 |
| 02 PB169189BS  | 531787              | 11.45  | 305054              | 14.09  | 338125              | 15.58 |
| 03 COMP-4      | 405137              | 11.45  | 334879              | 14.09  | 409754              | 15.57 |
| 04 COMP-5      | 396419              | 11.45  | 326252              | 14.09  | 388136              | 15.57 |
| 05 COMP-6      | 410381              | 11.45  | 352203              | 14.09  | 431956              | 15.57 |
| 06 COMP-6MS    | 432448              | 11.45  | 390031              | 14.09  | 473134              | 15.58 |
| 07 COMP-6MSD   | 555468              | 11.45  | 416428              | 14.09  | 485253              | 15.58 |

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

## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: |               |
| Project:           | Girard School - PA | Date Received:  |               |
| Client Sample ID:  | PB169189BL         | SDG No.:        | Q2807         |
| Lab Sample ID:     | PB169189BL         | 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 |
| BF143352.D        | 1         | 08/11/25 09:32 | 08/12/25 14:22 | PB169189      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 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             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 95.5   |           | 18 - 107 | 96%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 84.7   |           | 20 - 109 | 85%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 97.6   |           | 10 - 105 | 98%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 165000 | 6.928     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 636000 | 8.21      |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 350000 | 9.963     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 577000 | 11.451    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 343000 | 14.086    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 275000 | 15.58     |          |            |                   |

## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: |               |
| Project:           | Girard School - PA | Date Received:  |               |
| Client Sample ID:  | PB169189BL         | SDG No.:        | Q2807         |
| Lab Sample ID:     | PB169189BL         | 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 |
| BF143352.D        | 1         | 08/11/25 09:32 | 08/12/25 14:22 | PB169189      |

| 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

## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: |               |
| Project:           | Girard School - PA | Date Received:  |               |
| Client Sample ID:  | PB169189BS         | SDG No.:        | Q2807         |
| Lab Sample ID:     | PB169189BS         | 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 |
| BF143353.D        | 1         | 08/11/25 09:32 | 08/12/25 14:53 | PB169189      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 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             | 1500   |           | 33.3     | 170        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1500   |           | 36.0     | 170        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1600   |           | 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         | 1700   |           | 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             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 94.3   |           | 18 - 107 | 94%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 85.3   |           | 20 - 109 | 85%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 87.8   |           | 10 - 105 | 88%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 166000 | 6.928     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 641000 | 8.21      |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 345000 | 9.969     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 532000 | 11.451    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 305000 | 14.092    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 338000 | 15.58     |          |            |                   |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: |               |
| Project:           | Girard School - PA  | Date Received:  |               |
| Client Sample ID:  | PB169189BS          | SDG No.:        | Q2807         |
| Lab Sample ID:     | PB169189BS          | 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             |
| Injection Volume : |                     | Level :         | LOW           |
|                    | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143353.D        | 1         | 08/11/25 09:32 | 08/12/25 14:53 | PB169189      |

| 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



## Report of Analysis

|                    |                    |                 |               |
|--------------------|--------------------|-----------------|---------------|
| Client:            | Kleinfelder        | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6MS           | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03MS         | Matrix:         | SOIL          |
| Analytical Method: | 8270E              | % Solid:        | 83.6          |
| Sample Wt/Vol:     | 30.05 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 |
| BF143357.D        | 1         | 08/11/25 09:32 | 08/12/25 17:02 | PB169189      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |  |      |     |       |
|----------|------------------------|------|--|------|-----|-------|
| 91-20-3  | Naphthalene            | 1700 |  | 27.1 | 200 | ug/Kg |
| 86-73-7  | Fluorene               | 1700 |  | 30.2 | 200 | ug/Kg |
| 85-01-8  | Phenanthrene           | 2100 |  | 25.0 | 200 | ug/Kg |
| 120-12-7 | Anthracene             | 1800 |  | 39.8 | 200 | ug/Kg |
| 129-00-0 | Pyrene                 | 1600 |  | 43.0 | 200 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 2100 |  | 27.5 | 200 | ug/Kg |
| 218-01-9 | Chrysene               | 2000 |  | 23.8 | 200 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 2300 |  | 22.7 | 200 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 2100 |  | 35.2 | 200 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1500 |  | 34.8 | 200 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 1500 |  | 30.7 | 200 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 70.5 |  | 18 - 107 | 70% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 65.9 |  | 20 - 109 | 66% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 53.3 |  | 10 - 105 | 53% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 156000 | 6.928  |
| 1146-65-2  | Naphthalene-d8         | 587000 | 8.21   |
| 15067-26-2 | Acenaphthene-d10       | 297000 | 9.963  |
| 1517-22-2  | Phenanthrene-d10       | 432000 | 11.451 |
| 1719-03-5  | Chrysene-d12           | 390000 | 14.092 |
| 1520-96-3  | Perylene-d12           | 473000 | 15.58  |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA  | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6MS            | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03MS          | Matrix:         | SOIL          |
| Analytical Method: | 8270E               | % Solid:        | 83.6          |
| Sample Wt/Vol:     | 30.05      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 |
| BF143357.D        | 1         | 08/11/25 09:32 | 08/12/25 17:02 | PB169189      |

| 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

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA  | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6MSD           | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03MSD         | Matrix:         | SOIL          |
| Analytical Method: | 8270E               | % Solid:        | 83.6          |
| 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 |
| BF143358.D        | 1         | 08/11/25 09:32 | 08/12/25 17:32 | PB169189      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 1600   |           | 27.1     | 200        | ug/Kg             |
| 86-73-7                   | Fluorene               | 1700   |           | 30.2     | 200        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 2100   |           | 24.9     | 200        | ug/Kg             |
| 120-12-7                  | Anthracene             | 1800   |           | 39.7     | 200        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1800   |           | 43.0     | 200        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 2100   |           | 27.4     | 200        | ug/Kg             |
| 218-01-9                  | Chrysene               | 2100   |           | 23.7     | 200        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 2300   |           | 22.7     | 200        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 2100   |           | 35.2     | 200        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 1600   |           | 34.7     | 200        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 1500   |           | 30.7     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 71.1   |           | 18 - 107 | 71%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 64.5   |           | 20 - 109 | 65%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 59.1   |           | 10 - 105 | 59%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 183000 | 6.928     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 692000 | 8.21      |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 367000 | 9.969     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 555000 | 11.451    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 416000 | 14.092    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 485000 | 15.58     |          |            |                   |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 08/07/25      |
| Project:           | Girard School - PA  | Date Received:  | 08/08/25      |
| Client Sample ID:  | COMP-6MSD           | SDG No.:        | Q2807         |
| Lab Sample ID:     | Q2807-03MSD         | Matrix:         | SOIL          |
| Analytical Method: | 8270E               | % Solid:        | 83.6          |
| 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 |
| BF143358.D        | 1         | 08/11/25 09:32 | 08/12/25 17:32 | PB169189      |

| 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

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF081225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Tue Aug 12 13:25:39 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF143350.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)    | 1,4-Dioxane           | 0.606          | 0.582 | 0.614 | 0.596 | 0.592 | 0.612 | 0.586 | 0.598 | 2.12  |      |
| 3)    | Pyridine              | 1.476          | 1.573 | 1.597 | 1.615 | 1.623 | 1.668 | 1.613 | 1.595 | 3.75  |      |
| 4)    | n-Nitrosodimet...     |                | 0.686 | 0.711 | 0.759 | 0.762 | 0.776 | 0.764 | 0.743 | 4.80  |      |
| 5) S  | 2-Fluorophenol        | 1.155          | 1.170 | 1.207 | 1.179 | 1.143 | 1.151 | 1.090 | 1.157 | 3.15  |      |
| 6)    | Aniline               | 2.162          | 2.139 | 2.178 | 2.119 | 2.029 | 2.057 | 1.954 | 2.091 | 3.88  |      |
| 7) S  | Phenol-d6             | 1.527          | 1.505 | 1.541 | 1.500 | 1.447 | 1.475 | 1.386 | 1.483 | 3.58  |      |
| 8)    | 2-Chlorophenol        | 1.167          | 1.215 | 1.272 | 1.259 | 1.240 | 1.271 | 1.227 | 1.236 | 3.01  |      |
| 9)    | Benzaldehyde          |                | 1.109 | 1.106 | 1.011 | 0.875 | 0.800 |       | 0.980 | 14.15 |      |
| 10) C | Phenol                | 1.823          | 1.791 | 1.843 | 1.783 | 1.721 | 1.734 | 1.604 | 1.757 | 4.56  |      |
| 11)   | bis(2-Chloroet...     | 1.357          | 1.304 | 1.333 | 1.306 | 1.252 | 1.279 | 1.235 | 1.295 | 3.34  |      |
| 12)   | 1,3-Dichlorobe...     | 1.551          | 1.479 | 1.482 | 1.432 | 1.364 | 1.386 | 1.285 | 1.425 | 6.21  |      |
| 13) C | 1,4-Dichlorobe...     | 1.576          | 1.510 | 1.485 | 1.414 | 1.370 | 1.366 | 1.294 | 1.431 | 6.82  |      |
| 14)   | 1,2-Dichlorobe...     | 1.486          | 1.416 | 1.407 | 1.347 | 1.295 | 1.309 | 1.247 | 1.358 | 6.09  |      |
| 15)   | Benzyl Alcohol        |                | 0.980 | 1.069 | 1.088 | 1.066 | 1.097 | 1.079 | 1.063 | 3.98  |      |
| 16)   | 2,2'-oxybis(1-...     | 2.521          | 2.408 | 2.435 | 2.317 | 2.214 | 2.224 | 2.065 | 2.312 | 6.76  |      |
| 17)   | 2-Methylphenol        | 1.017          | 1.038 | 1.077 | 1.064 | 1.036 | 1.059 | 1.012 | 1.043 | 2.35  |      |
| 18)   | Hexachloroethane      | 0.425          | 0.433 | 0.460 | 0.462 | 0.449 | 0.466 | 0.444 | 0.449 | 3.42  |      |
| 19) P | n-Nitroso-di-n...     | 0.956          | 0.992 | 0.942 | 0.957 | 0.910 | 0.863 | 0.875 | 0.837 | 0.916 | 5.89 |
| 20)   | 3+4-Methylphenols     |                | 1.331 | 1.373 | 1.288 | 1.227 | 1.227 | 1.125 | 1.262 | 7.00  |      |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)   | Acetophenone          | 0.500          | 0.478 | 0.475 | 0.429 | 0.404 | 0.417 | 0.381 | 0.441 | 9.98  |      |
| 23) S | Nitrobenzene-d5       | 0.277          | 0.304 | 0.339 | 0.336 | 0.328 | 0.341 | 0.324 | 0.321 | 7.17  |      |
| 24)   | Nitrobenzene          | 0.322          | 0.329 | 0.366 | 0.359 | 0.352 | 0.367 | 0.347 | 0.349 | 5.02  |      |
| 25)   | Isophorone            | 0.692          | 0.662 | 0.683 | 0.645 | 0.627 | 0.651 | 0.630 | 0.656 | 3.79  |      |
| 26) C | 2-Nitrophenol         | 0.069          | 0.085 | 0.109 | 0.126 | 0.134 | 0.151 | 0.150 | 0.118 | 26.89 |      |
| 27)   | 2,4-Dimethylph...     | 0.259          | 0.261 | 0.288 | 0.279 | 0.275 | 0.285 | 0.267 | 0.274 | 4.15  |      |
| 28)   | bis(2-Chloroet...     | 0.424          | 0.410 | 0.425 | 0.396 | 0.383 | 0.396 | 0.369 | 0.400 | 5.19  |      |
| 29) C | 2,4-Dichloroph...     | 0.243          | 0.256 | 0.286 | 0.275 | 0.270 | 0.279 | 0.262 | 0.267 | 5.54  |      |
| 30)   | 1,2,4-Trichlor...     | 0.299          | 0.290 | 0.299 | 0.277 | 0.269 | 0.278 | 0.260 | 0.282 | 5.30  |      |
| 31)   | Naphthalene           | 1.083          | 1.023 | 1.029 | 0.944 | 0.901 | 0.917 | 0.839 | 0.962 | 8.88  |      |
| 32)   | Benzoic acid          |                | 0.069 | 0.085 | 0.108 | 0.120 | 0.136 | 0.142 | 0.110 | 25.83 |      |
| 33)   | 4-Chloroaniline       | 0.362          | 0.350 | 0.367 | 0.345 | 0.334 | 0.345 | 0.326 | 0.347 | 4.13  |      |
| 34) C | Hexachlorobuta...     | 0.185          | 0.181 | 0.187 | 0.175 | 0.166 | 0.171 | 0.161 | 0.175 | 5.49  |      |
| 35)   | Caprolactam           |                | 0.061 | 0.073 | 0.079 | 0.078 | 0.081 | 0.079 | 0.075 | 9.95  |      |
| 36) C | 4-Chloro-3-met...     | 0.270          | 0.274 | 0.296 | 0.286 | 0.279 | 0.286 | 0.270 | 0.280 | 3.54  |      |
| 37)   | 2-Methylnaphth...     | 0.720          | 0.673 | 0.681 | 0.622 | 0.591 | 0.593 | 0.548 | 0.633 | 9.63  |      |
| 38)   | 1-Methylnaphth...     | 0.690          | 0.654 | 0.653 | 0.595 | 0.568 | 0.574 | 0.531 | 0.609 | 9.38  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF081225.M

|       |                    |                |       |       |       |       |       |       |       |       |  |
|-------|--------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac...  | 0.588          | 0.566 | 0.575 | 0.542 | 0.524 | 0.537 | 0.499 | 0.547 | 5.66  |  |
| 41) P | Hexachlorocycl...  | 0.088          | 0.130 | 0.167 | 0.172 | 0.192 | 0.201 | 0.158 | 26.72 |       |  |
| 42) S | 2,4,6-Tribromo...  | 0.105          | 0.127 | 0.149 | 0.160 | 0.160 | 0.164 | 0.159 | 0.146 | 15.13 |  |
| 43) C | 2,4,6-Trichlor...  | 0.242          | 0.272 | 0.316 | 0.334 | 0.328 | 0.343 | 0.338 | 0.311 | 12.43 |  |
| 44)   | 2,4,5-Trichlor...  | 0.307          | 0.308 | 0.366 | 0.377 | 0.364 | 0.370 | 0.361 | 0.351 | 8.48  |  |
| 45) S | 2-Fluorobiphenyl   | 1.444          | 1.332 | 1.285 | 1.132 | 1.060 | 1.052 | 0.951 | 1.179 | 15.06 |  |
| 46)   | 1,1'-Biphenyl      | 1.613          | 1.506 | 1.516 | 1.389 | 1.317 | 1.335 | 1.223 | 1.414 | 9.63  |  |
| 47)   | 2-Chloronaphth...  | 1.216          | 1.176 | 1.180 | 1.095 | 1.046 | 1.081 | 1.003 | 1.114 | 7.06  |  |
| 48)   | 2-Nitroaniline     | 0.188          | 0.223 | 0.279 | 0.309 | 0.321 | 0.336 | 0.330 | 0.284 | 20.23 |  |
| 49)   | Acenaphthylene     | 1.759          | 1.682 | 1.719 | 1.588 | 1.525 | 1.541 | 1.444 | 1.608 | 7.13  |  |
| 50)   | Dimethylphthalate  | 1.160          | 1.178 | 1.244 | 1.180 | 1.144 | 1.171 | 1.103 | 1.169 | 3.66  |  |
| 51)   | 2,6-Dinitrotol...  | 0.125          | 0.147 | 0.188 | 0.213 | 0.219 | 0.234 | 0.228 | 0.193 | 21.87 |  |
| 52) C | Acenaphthene       | 1.208          | 1.127 | 1.121 | 1.054 | 1.012 | 1.017 | 0.945 | 1.069 | 8.28  |  |
| 53)   | 3-Nitroaniline     | 0.159          | 0.193 | 0.250 | 0.261 | 0.265 | 0.281 | 0.266 | 0.239 | 18.92 |  |
| 54) P | 2,4-Dinitrophenol  | 0.030          | 0.046 | 0.066 | 0.073 | 0.086 | 0.092 | 0.065 | 36.52 |       |  |
| 55)   | Dibenzofuran       | 1.757          | 1.641 | 1.634 | 1.511 | 1.438 | 1.446 | 1.346 | 1.539 | 9.33  |  |
| 56) P | 4-Nitrophenol      | 0.096          | 0.147 | 0.173 | 0.180 | 0.194 | 0.190 | 0.163 | 22.52 |       |  |
| 57)   | 2,4-Dinitrotol...  | 0.154          | 0.191 | 0.257 | 0.289 | 0.296 | 0.308 | 0.297 | 0.256 | 23.42 |  |
| 58)   | Fluorene           | 1.381          | 1.288 | 1.251 | 1.142 | 1.091 | 1.089 | 0.986 | 1.175 | 11.65 |  |
| 59)   | 2,3,4,6-Tetrac...  | 0.172          | 0.188 | 0.236 | 0.255 | 0.258 | 0.276 | 0.270 | 0.236 | 17.33 |  |
| 60)   | Diethylphthalate   | 1.011          | 1.061 | 1.132 | 1.081 | 1.037 | 1.031 | 0.974 | 1.047 | 4.84  |  |
| 61)   | 4-Chlorophenyl...  | 0.645          | 0.601 | 0.600 | 0.563 | 0.533 | 0.536 | 0.498 | 0.568 | 8.84  |  |
| 62)   | 4-Nitroaniline     | 0.174          | 0.202 | 0.253 | 0.249 | 0.248 | 0.253 | 0.242 | 0.232 | 13.40 |  |
| 63)   | Azobenzene         | 1.302          | 1.228 | 1.285 | 1.193 | 1.147 | 1.149 | 1.065 | 1.196 | 6.99  |  |
| 64) I | Phenanthrene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-...  | 0.036          | 0.054 | 0.071 | 0.077 | 0.087 | 0.091 | 0.069 | 29.75 |       |  |
| 66) c | n-Nitrosodiphe...  | 0.693          | 0.670 | 0.674 | 0.655 | 0.639 | 0.651 | 0.627 | 0.659 | 3.38  |  |
| 67)   | 4-Bromophenyl-...  | 0.232          | 0.222 | 0.232 | 0.231 | 0.227 | 0.231 | 0.226 | 0.229 | 1.65  |  |
| 68)   | Hexachlorobenzene  | 0.258          | 0.249 | 0.250 | 0.244 | 0.237 | 0.248 | 0.240 | 0.247 | 2.76  |  |
| 69)   | Atrazine           | 0.147          | 0.157 | 0.187 | 0.178 | 0.180 | 0.182 | 0.173 | 0.172 | 8.45  |  |
| 70) C | Pentachlorophenol  | 0.058          | 0.087 | 0.108 | 0.113 | 0.120 | 0.122 | 0.101 | 24.06 |       |  |
| 71)   | Phenanthrene       | 1.214          | 1.159 | 1.156 | 1.081 | 1.022 | 1.034 | 0.973 | 1.091 | 8.02  |  |
| 72)   | Anthracene         | 1.225          | 1.168 | 1.184 | 1.088 | 1.043 | 1.057 | 0.980 | 1.107 | 7.97  |  |
| 73)   | Carbazole          | 1.049          | 1.000 | 1.017 | 0.934 | 0.879 | 0.893 | 0.825 | 0.942 | 8.71  |  |
| 74)   | Di-n-butylphth...  | 0.674          | 0.739 | 0.889 | 0.864 | 0.819 | 0.817 | 0.780 | 0.798 | 9.24  |  |
| 75) C | Fluoranthene       | 1.120          | 1.054 | 1.051 | 0.917 | 0.873 | 0.856 | 0.820 | 0.956 | 12.27 |  |
| 76) I | Chrysene-d12       | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine          | 0.541          | 0.653 | 0.591 | 0.549 | 0.511 | 0.434 | 0.547 | 13.50 |       |  |
| 78)   | Pyrene             | 1.924          | 1.963 | 1.910 | 1.661 | 1.513 | 1.460 | 1.315 | 1.678 | 15.44 |  |
| 79) S | Terphenyl-d14      | 1.337          | 1.346 | 1.297 | 1.089 | 0.976 | 0.957 | 0.841 | 1.120 | 18.44 |  |
| 80)   | Butylbenzylphth... | 0.179          | 0.208 | 0.272 | 0.303 | 0.320 | 0.346 | 0.359 | 0.284 | 24.15 |  |
| 81)   | Benzo(a)anthra...  | 1.335          | 1.224 | 1.339 | 1.258 | 1.229 | 1.309 | 1.205 | 1.271 | 4.37  |  |
| 82)   | 3,3'-Dichlorob...  | 0.255          | 0.327 | 0.364 | 0.374 | 0.382 | 0.358 | 0.343 | 13.77 |       |  |
| 83)   | Chrysene           | 1.270          | 1.249 | 1.199 | 1.175 | 1.163 | 1.143 | 1.098 | 1.185 | 5.06  |  |
| 84)   | Bis(2-ethylhex...  | 0.228          | 0.277 | 0.348 | 0.441 | 0.478 | 0.520 | 0.531 | 0.403 | 29.82 |  |
| 85) c | Di-n-octyl pht...  | 0.545          | 0.692 | 0.888 | 0.945 | 1.045 | 1.047 | 0.860 | 23.52 |       |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF081225.M

|       |                   |                |       |       |       |       |       |       |       |      |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|--|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |  |
| 87)   | Indeno(1,2,3-c... | 1.401          | 1.455 | 1.479 | 1.449 | 1.392 | 1.443 | 1.411 | 1.433 | 2.24 |  |
| 88)   | Benzo(b)fluora... | 1.172          | 1.027 | 1.092 | 1.118 | 1.046 | 1.147 | 1.054 | 1.094 | 4.98 |  |
| 89)   | Benzo(k)fluora... | 1.064          | 1.080 | 1.158 | 1.036 | 1.053 | 1.022 | 1.027 | 1.063 | 4.41 |  |
| 90) C | Benzo(a)pyrene    | 1.049          | 1.011 | 1.060 | 1.033 | 1.012 | 1.039 | 1.008 | 1.030 | 1.99 |  |
| 91)   | Dibenzo(a,h)an... | 1.129          | 1.162 | 1.184 | 1.170 | 1.119 | 1.155 | 1.094 | 1.145 | 2.77 |  |
| 92)   | Benzo(g,h,i)pe... | 1.108          | 1.192 | 1.188 | 1.169 | 1.124 | 1.168 | 1.123 | 1.153 | 2.94 |  |

(#) = Out of Range



## LAB CHRONICLE

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

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

Hit Summary Sheet  
SW-846

SDG No.:

Q2807

Order ID:

Q2807

Client:

Kleinfelder

Project ID:

Girard School - PA

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



# SAMPLE DATA

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 24.5  |           | 20 - 144 | 122%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 29.3  |           | 19 - 148 | 146%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 28.8  |           | 20 - 144 | 144%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 32.5  | *         | 19 - 148 | 163%       | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.1  |           | 20 - 144 | 76%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.8  |           | 19 - 148 | 94%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: **Q2807**

Client: **Kleinfelder**

Analytical Method: **8081B**

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



### Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8081B

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

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

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

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

**Matrix Spike/Matrix Spike Duplicate Summary**

SW-846

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

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

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

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

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169187BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: PB169187BL

Lab File ID: PD089837.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/11/2025

Date Analyzed (1): 08/11/2025

Date Analyzed (2): 08/11/2025

Time Analyzed (1): 18:01

Time Analyzed (2): 18:01

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB169187BS        | PB169187BS       | PD089838.D     | 08/11/2025         | 08/11/2025         |
| COMP-4            | Q2807-01         | PD089844.D     | 08/11/2025         | 08/11/2025         |
| COMP-4MS          | Q2807-01MS       | PD089845.D     | 08/11/2025         | 08/11/2025         |
| COMP-4MSD         | Q2807-01MSD      | PD089846.D     | 08/11/2025         | 08/11/2025         |
| COMP-6            | Q2807-03         | PD089848.D     | 08/11/2025         | 08/11/2025         |
| COMP-5            | Q2807-02         | PD089881.D     | 08/13/2025         | 08/13/2025         |

COMMENTS: \_\_\_\_\_



# QC SAMPLE DATA

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 21.8  |           | 20 - 144 | 109%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 23.6  |           | 19 - 148 | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 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



## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.1   |           | 57 - 171 | 110%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.2   |           | 61 - 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 &gt;25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.4   |           | 57 - 171 | 112%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.3   |           | 61 - 148 | 122%       | SPK: 20 |

### Comments:

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 16.5   |           | 57 - 171 | 83%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.0   |           | 61 - 148 | 120%       | SPK: 20 |

### Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.9   |           | 57 - 171 | 114%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.8   |           | 61 - 148 | 124%       | SPK: 20 |

### Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

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

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

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.5   |           | 57 - 171 | 108%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.4   |           | 61 - 148 | 122%       | SPK: 20 |

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

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

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

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

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

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

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

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

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## Report of Analysis

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

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

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

### Comments:

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# CALIBRATION SUMMARY

# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>POWE02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2807</u>                        |
| Instrument ID: | <u>ECD_D</u>    | Calibration Date(s): | <u>07/31/2025</u> <u>07/31/2025</u> |
|                |                 | Calibration Times:   | <u>11:47</u> <u>12:41</u>           |

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

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

| COMPOUND             | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN<br>RT | RT WINDOW |      |
|----------------------|--------|--------|--------|--------|--------|------------|-----------|------|
|                      |        |        |        |        |        |            | FROM      | 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 |

# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>POWE02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2807</u>                        |
| Instrument ID: | <u>ECD_D</u>    | Calibration Date(s): | <u>07/31/2025</u> <u>07/31/2025</u> |
|                |                 | Calibration Times:   | <u>11:47</u> <u>12:41</u>           |

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

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

| COMPOUND             | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN<br>RT | RT WINDOW |      |
|----------------------|--------|--------|--------|--------|--------|------------|-----------|------|
|                      |        |        |        |        |        |            | FROM      | 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 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: POWE02  
SDG NO.: Q2807

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

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

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

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: POWE02  
SDG NO.: Q2807

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | -0.01      |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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



### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>POWE02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2807</u>                        |
| <b>Continuing Calib Date:</b> | <u>08/11/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/31/2025</u> <u>07/31/2025</u> |
| <b>Continuing Calib Time:</b> | <u>19:50</u>      | <b>Initial Calibration Time(s):</b> | <u>11:47</u> <u>12:41</u>           |

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 6.34       | 6.35      | 6.25      | 6.45 | 0.01       |
| 4,4'-DDE             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |
| 4,4'-DDD             | 6.70       | 6.70      | 6.60      | 6.80 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>POWE02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2807</u>                        |
| <b>Continuing Calib Date:</b> | <u>08/11/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/31/2025</u> <u>07/31/2025</u> |
| <b>Continuing Calib Time:</b> | <u>19:50</u>      | <b>Initial Calibration Time(s):</b> | <u>11:47</u> <u>12:41</u>           |

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 6.34       | 6.35      | 6.25      | 6.45 | 0.01       |
| 4,4'-DDE             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |
| 4,4'-DDD             | 6.70       | 6.70      | 6.60      | 6.80 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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



### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.08       | 9.07      | 8.97      | 9.17 | -0.01      |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | -0.01      |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.08       | 9.07      | 8.97      | 9.17 | -0.01      |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45      | 3.65 | -0.01      |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | -0.01      |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

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

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

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

### CALIBRATION VERIFICATION SUMMARY

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

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

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



### CALIBRATION VERIFICATION SUMMARY

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

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

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

### PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

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

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

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

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

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

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

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

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

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

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

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

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

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

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

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

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

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

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

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

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

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

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

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

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

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

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

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

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

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

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

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

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

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

## Analytical Sequence

Client: Kleinfelder

SDG No.: Q2807

Project: Girard School - PA

Instrument ID: ECD\_D

GC Column: ZB-MR1

ID: 0.32 (mm)

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

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

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

## Analytical Sequence

Client: Kleinfelder

SDG No.: Q2807

Project: Girard School - PA

Instrument ID: ECD\_D

GC Column: ZB-MR2

ID: 0.32 (mm)

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

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

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: Q2807-01MS

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

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

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



COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MSD

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: Q2807-01MSD

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

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

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

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169187BS

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: PB169187BS

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

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

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

## LAB CHRONICLE

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

| LabID           | ClientID      | Matrix      | Test       | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2807-01</b> | <b>COMP-4</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>08/07/25</b> | 08/11/25  | 08/11/25  | <b>08/08/25</b> |
| <b>Q2807-02</b> | <b>COMP-5</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>08/07/25</b> | 08/11/25  | 08/12/25  | <b>08/08/25</b> |
| <b>Q2807-03</b> | <b>COMP-6</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>08/07/25</b> | 08/11/25  | 08/11/25  | <b>08/08/25</b> |



Hit Summary Sheet  
SW-846

SDG No.: Q2807

Order ID: Q2807

Client: Kleinfelder

Project ID: Girard School - PA

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



# SAMPLE DATA

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/07/25   |
| Project:           | Girard School - PA | Date Received:     | 08/08/25   |
| Client Sample ID:  | COMP-4             | SDG No.:           | Q2807      |
| Lab Sample ID:     | Q2807-01           | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 83.1       |
| Sample Wt/Vol:     | 30.04              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | Injection Volume : |            |
| Prep Method :      | SW3541B            |                    |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112837.D        | 1         | 08/11/25 08:30 | 08/11/25 15:12 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.4       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.90  | U         | 3.90     | 20.4       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90     | 20.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 28.6  |           | 32 - 144 | 143%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 25.5  |           | 32 - 175 | 127%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/07/25   |
| Project:           | Girard School - PA | Date Received:     | 08/08/25   |
| Client Sample ID:  | COMP-5             | SDG No.:           | Q2807      |
| Lab Sample ID:     | Q2807-02           | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 84.5       |
| Sample Wt/Vol:     | 30.09              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | SW3541B            | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112857.D        | 1         | 08/11/25 08:30 | 08/12/25 11:01 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.80  | U         | 3.80     | 20.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 25.9  |           | 32 - 144 | 129%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 23.3  |           | 32 - 175 | 117%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/07/25   |
| Project:           | Girard School - PA | Date Received:     | 08/08/25   |
| Client Sample ID:  | COMP-6             | SDG No.:           | Q2807      |
| Lab Sample ID:     | Q2807-03           | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 83.6       |
| Sample Wt/Vol:     | 30.08              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | SW3541B            | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112841.D        | 1         | 08/11/25 08:30 | 08/11/25 16:24 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90     | 20.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 26.3  |           | 32 - 144 | 132%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.8  |           | 32 - 175 | 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





# QC SUMMARY

### Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PO112413.D | PIBLK-PO112413.D | Tetrachloro-m-xyl | 1      | 20    | 19.1   | 95          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.0   | 100         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.5   | 98          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.4   | 102         |      | 60        | 140  |
| I.BLK-PO112833.D | PIBLK-PO112833.D | Tetrachloro-m-xyl | 1      | 20    | 21.9   | 110         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.1   | 96          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.1   | 106         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.7   | 103         |      | 60        | 140  |
| PB169186BL       | PB169186BL       | Tetrachloro-m-xyl | 1      | 20    | 20.5   | 103         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 18.5   | 93          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.5   | 98          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.1   | 100         |      | 32        | 175  |
| PB169186BS       | PB169186BS       | Tetrachloro-m-xyl | 1      | 20    | 18.7   | 94          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.2   | 96          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 17.9   | 90          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.9   | 105         |      | 32        | 175  |
| Q2807-01         | COMP-4           | Tetrachloro-m-xyl | 1      | 20    | 28.6   | 143         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 22.7   | 113         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 27.1   | 136         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 25.5   | 127         |      | 32        | 175  |
| Q2807-02MS       | COMP-5MS         | Tetrachloro-m-xyl | 1      | 20    | 22.5   | 112         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.7   | 88          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.5   | 107         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.5   | 97          |      | 32        | 175  |
| Q2807-02MSD      | COMP-5MSD        | Tetrachloro-m-xyl | 1      | 20    | 23.4   | 117         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.0   | 100         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 22.3   | 111         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 22.6   | 113         |      | 32        | 175  |
| Q2807-03         | COMP-6           | Tetrachloro-m-xyl | 1      | 20    | 26.3   | 132         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.3   | 96          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 25.3   | 127         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.8   | 109         |      | 32        | 175  |
| I.BLK-PO112848.D | PIBLK-PO112848.D | Tetrachloro-m-xyl | 1      | 20    | 21.6   | 108         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.3   | 86          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.7   | 104         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.4   | 102         |      | 60        | 140  |
| I.BLK-PO112854.D | PIBLK-PO112854.D | Tetrachloro-m-xyl | 1      | 20    | 20.9   | 105         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.2   | 86          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.5   | 102         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.4   | 102         |      | 60        | 140  |
| Q2807-02         | COMP-5           | Tetrachloro-m-xyl | 1      | 20    | 25.9   | 129         |      | 32        | 144  |

### Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| Q2807-02         | COMP-5           | Decachlorobiphen  | 1      | 20    | 19.8   | 99          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 24.6   | 123         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 23.3   | 117         |      | 32        | 175  |
| I.BLK-PO112869.D | PIBLK-PO112869.D | Tetrachloro-m-xyl | 1      | 20    | 20.7   | 103         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.2   | 96          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.3   | 102         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.5   | 103         |      | 60        | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                    |                           |                   |
|-----------------|--------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2807</u>       | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Kleinfelder</u> | <b>DataFile :</b>         | <u>PO112839.D</u> |

|                |            | Sample            |        |          |       |     | Rec  | RPD |      | Limits |      |     |
|----------------|------------|-------------------|--------|----------|-------|-----|------|-----|------|--------|------|-----|
|                | Parameter  | Spike             | Result | Result   | Units | Rec | Qual | RPD | Qual | Low    | High | RPD |
| Lab Sample ID: | Q2807-02MS | Client Sample ID: |        | COMP-5MS |       |     |      |     |      |        |      |     |
|                | (Column 1) |                   |        |          |       |     |      |     |      |        |      |     |
|                | AR1016     | 196.9             | 0      | 223      | ug/kg | 113 |      |     |      | 55     | 146  |     |
|                | AR1260     | 196.9             | 0      | 190      | ug/kg | 96  |      |     |      | 54     | 119  |     |
| Lab Sample ID: | Q2807-02MS | Client Sample ID: |        | COMP-5MS |       |     |      |     |      |        |      |     |
|                | (Column 2) |                   |        |          |       |     |      |     |      |        |      |     |
|                | AR1016     | 196.9             | 0      | 210      | ug/kg | 107 |      |     |      | 55     | 146  |     |
|                | AR1260     | 196.9             | 0      | 206      | ug/kg | 105 |      |     |      | 54     | 119  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                    |                           |                   |
|-----------------|--------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2807</u>       | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Kleinfelder</u> | <b>DataFile :</b>         | <u>PO112840.D</u> |

|                | Parameter                 | Spike             | Sample |           | Units | Rec | Rec  | RPD |      | Limits |     |    |
|----------------|---------------------------|-------------------|--------|-----------|-------|-----|------|-----|------|--------|-----|----|
|                |                           |                   | Qual   | RPD       |       |     | Qual | Low | High | RPD    |     |    |
| Lab Sample ID: | Q2807-02MSD<br>(Column 1) | Client Sample ID: |        | COMP-5MSD |       |     |      |     |      |        |     |    |
|                | AR1016                    | 197               | 0      | 223       | ug/kg | 113 |      | 0   |      | 55     | 146 | 15 |
|                | AR1260                    | 197               | 0      | 207       | ug/kg | 105 |      | 9   |      | 54     | 119 | 15 |
| Lab Sample ID: | Q2807-02MSD<br>(Column 2) | Client Sample ID: |        | COMP-5MSD |       |     |      |     |      |        |     |    |
|                | AR1016                    | 197               | 0      | 210       | ug/kg | 107 |      | 0   |      | 55     | 146 | 15 |
|                | AR1260                    | 197               | 0      | 212       | ug/kg | 108 |      | 3   |      | 54     | 119 | 15 |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                    |                           |                   |
|-----------------|--------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2807</u>       | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Kleinfelder</u> | <b>Datafile :</b>         | <u>PO112836.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|                          |           |       |        |       |     |     |      | Qual | Low    | High |     |
| PB169186BS<br>(Column 1) | AR1016    | 166.5 | 171    | ug/kg | 103 |     |      |      | 71     | 120  |     |
|                          | AR1260    | 166.5 | 166    | ug/kg | 100 |     |      |      | 65     | 130  |     |
| PB169186BS<br>(Column 2) | AR1016    | 166.5 | 161    | ug/kg | 97  |     |      |      | 71     | 120  |     |
|                          | AR1260    | 166.5 | 173    | ug/kg | 104 |     |      |      | 65     | 130  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169186BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Lab Sample ID: PB169186BL

Lab File ID: PO112835.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/11/2025

Date Analyzed (1): 08/11/2025

Date Analyzed (2): 08/11/2025

Time Analyzed (1): 14:36

Time Analyzed (2): 14:36

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB169186BS        | PB169186BS       | PO112836.D     | 08/11/2025         | 08/11/2025         |
| COMP-4            | Q2807-01         | PO112837.D     | 08/11/2025         | 08/11/2025         |
| COMP-5MS          | Q2807-02MS       | PO112839.D     | 08/11/2025         | 08/11/2025         |
| COMP-5MSD         | Q2807-02MSD      | PO112840.D     | 08/11/2025         | 08/11/2025         |
| COMP-6            | Q2807-03         | PO112841.D     | 08/11/2025         | 08/11/2025         |
| COMP-5            | Q2807-02         | PO112857.D     | 08/12/2025         | 08/12/2025         |

COMMENTS: \_\_\_\_\_



# CALIBRATION SUMMARY



# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>POWE02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2807</u>                        |
| Instrument ID: | <u>ECD_O</u>    | Calibration Date(s): | <u>07/23/2025</u> <u>07/23/2025</u> |
|                |                 | Calibration Times:   | <u>11:32</u> <u>19:47</u>           |

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

|              |                             |                            |
|--------------|-----------------------------|----------------------------|
| LAB FILE ID: | RT 1000 = <u>PO112414.D</u> | RT 750 = <u>PO112415.D</u> |
|              | RT 500 = <u>PO112416.D</u>  | RT 250 = <u>PO112417.D</u> |
|              |                             | RT 050 = <u>PO112418.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.76    | 4.75   | 4.76   | 4.76   | 4.76   | 4.76       | 4.66      | 4.86 |
| Aroclor-1016-2       | (2) | 4.78    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1016-3       | (3) | 4.83    | 4.83   | 4.83   | 4.83   | 4.83   | 4.83       | 4.73      | 4.93 |
| Aroclor-1016-4       | (4) | 4.95    | 4.95   | 4.95   | 4.95   | 4.95   | 4.95       | 4.85      | 5.05 |
| Aroclor-1016-5       | (5) | 5.21    | 5.21   | 5.21   | 5.21   | 5.21   | 5.21       | 5.11      | 5.31 |
| Aroclor-1260-1       | (1) | 6.25    | 6.24   | 6.25   | 6.24   | 6.25   | 6.24       | 6.14      | 6.34 |
| Aroclor-1260-2       | (2) | 6.44    | 6.43   | 6.43   | 6.43   | 6.43   | 6.43       | 6.33      | 6.53 |
| Aroclor-1260-3       | (3) | 6.80    | 6.80   | 6.80   | 6.80   | 6.80   | 6.80       | 6.70      | 6.90 |
| Aroclor-1260-4       | (4) | 7.06    | 7.06   | 7.06   | 7.06   | 7.06   | 7.06       | 6.96      | 7.16 |
| Aroclor-1260-5       | (5) | 7.30    | 7.30   | 7.30   | 7.30   | 7.30   | 7.30       | 7.20      | 7.40 |
| Decachlorobiphenyl   |     | 8.70    | 8.69   | 8.69   | 8.69   | 8.69   | 8.69       | 8.59      | 8.79 |
| Tetrachloro-m-xylene |     | 3.67    | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |
| Decachlorobiphenyl   |     | 8.69    | 8.69   | 8.69   | 8.69   | 8.70   | 8.69       | 8.59      | 8.79 |
| Tetrachloro-m-xylene |     | 3.67    | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |
| Decachlorobiphenyl   |     | 8.69    | 8.69   | 8.69   | 8.70   | 8.69   | 8.69       | 8.59      | 8.79 |
| Tetrachloro-m-xylene |     | 3.67    | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |
| Aroclor-1254-1       | (1) | 5.56    | 5.56   | 5.56   | 5.56   | 5.56   | 5.56       | 5.46      | 5.66 |
| Aroclor-1254-2       | (2) | 5.71    | 5.71   | 5.71   | 5.71   | 5.71   | 5.71       | 5.61      | 5.81 |
| Aroclor-1254-3       | (3) | 6.11    | 6.11   | 6.11   | 6.11   | 6.11   | 6.11       | 6.01      | 6.21 |
| Aroclor-1254-4       | (4) | 6.34    | 6.34   | 6.34   | 6.34   | 6.34   | 6.34       | 6.24      | 6.44 |
| Aroclor-1254-5       | (5) | 6.76    | 6.76   | 6.76   | 6.76   | 6.76   | 6.76       | 6.66      | 6.86 |
| Decachlorobiphenyl   |     | 8.69    | 8.69   | 8.70   | 8.69   | 8.69   | 8.69       | 8.59      | 8.79 |
| Tetrachloro-m-xylene |     | 3.67    | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |
| Decachlorobiphenyl   |     | 8.70    | 8.70   | 8.70   | 8.69   | 8.70   | 8.70       | 8.60      | 8.80 |
| Tetrachloro-m-xylene |     | 3.67    | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |

# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>POWE02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2807</u>                        |
| Instrument ID: | <u>ECD_O</u>    | Calibration Date(s): | <u>07/23/2025</u> <u>07/23/2025</u> |
|                |                 | Calibration Times:   | <u>11:32</u> <u>19:47</u>           |

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

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PO112414.D</u> | RT 750 = <u>PO112415.D</u> |
| RT 500 = <u>PO112416.D</u> | RT 250 = <u>PO112417.D</u>  | RT 050 = <u>PO112418.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.74    | 4.74   | 4.74   | 4.74   | 4.74   | 4.74       | 4.64      | 4.84 |
| Aroclor-1016-2       | (2) | 4.76    | 4.76   | 4.76   | 4.76   | 4.76   | 4.76       | 4.66      | 4.86 |
| Aroclor-1016-3       | (3) | 4.93    | 4.93   | 4.93   | 4.93   | 4.93   | 4.93       | 4.83      | 5.03 |
| Aroclor-1016-4       | (4) | 4.97    | 4.97   | 4.97   | 4.97   | 4.97   | 4.97       | 4.87      | 5.07 |
| Aroclor-1016-5       | (5) | 5.19    | 5.19   | 5.19   | 5.19   | 5.19   | 5.19       | 5.09      | 5.29 |
| Aroclor-1260-1       | (1) | 6.21    | 6.21   | 6.21   | 6.21   | 6.21   | 6.21       | 6.11      | 6.31 |
| Aroclor-1260-2       | (2) | 6.40    | 6.40   | 6.40   | 6.40   | 6.40   | 6.40       | 6.30      | 6.50 |
| Aroclor-1260-3       | (3) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65 |
| Aroclor-1260-4       | (4) | 7.02    | 7.02   | 7.02   | 7.02   | 7.02   | 7.02       | 6.92      | 7.12 |
| Aroclor-1260-5       | (5) | 7.27    | 7.26   | 7.26   | 7.26   | 7.27   | 7.26       | 7.16      | 7.36 |
| Decachlorobiphenyl   |     | 8.64    | 8.64   | 8.64   | 8.64   | 8.64   | 8.64       | 8.54      | 8.74 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Decachlorobiphenyl   |     | 8.64    | 8.64   | 8.64   | 8.64   | 8.64   | 8.64       | 8.54      | 8.74 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Decachlorobiphenyl   |     | 8.64    | 8.64   | 8.64   | 8.64   | 8.64   | 8.64       | 8.54      | 8.74 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1254-1       | (1) | 5.54    | 5.54   | 5.54   | 5.53   | 5.53   | 5.54       | 5.44      | 5.64 |
| Aroclor-1254-2       | (2) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78 |
| Aroclor-1254-3       | (3) | 6.08    | 6.08   | 6.08   | 6.08   | 6.08   | 6.08       | 5.98      | 6.18 |
| Aroclor-1254-4       | (4) | 6.31    | 6.31   | 6.31   | 6.31   | 6.31   | 6.31       | 6.21      | 6.41 |
| Aroclor-1254-5       | (5) | 6.73    | 6.73   | 6.73   | 6.73   | 6.73   | 6.73       | 6.63      | 6.83 |
| Decachlorobiphenyl   |     | 8.64    | 8.64   | 8.64   | 8.64   | 8.64   | 8.64       | 8.54      | 8.74 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Decachlorobiphenyl   |     | 8.64    | 8.64   | 8.64   | 8.64   | 8.64   | 8.64       | 8.54      | 8.74 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |

## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_O

Contract: POWE02

SDG NO.: Q2807

Calibration Date(s): 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

| LAB FILE ID:               |     | CF 1000 = <u>PO112414.D</u> |             | CF 750 = <u>PO112415.D</u> |             |             |             |
|----------------------------|-----|-----------------------------|-------------|----------------------------|-------------|-------------|-------------|
| CF 500 = <u>PO112416.D</u> |     | CF 250 = <u>PO112417.D</u>  |             | CF 050 = <u>PO112418.D</u> |             |             |             |
| COMPOUND                   |     | CF 1000                     | CF 750      | CF 500                     | CF 250      | CF 050      | % RSD       |
| Aroclor-1016-1             | (1) | 281481703                   | 285148303   | 290849518                  | 279501268   | 204848240   | 268365806   |
| Aroclor-1016-2             | (2) | 418001550                   | 431852928   | 433849136                  | 420704900   | 326178800   | 406117463   |
| Aroclor-1016-3             | (3) | 263638281                   | 273794351   | 273610504                  | 262887848   | 234438940   | 261673985   |
| Aroclor-1016-4             | (4) | 216165184                   | 219268720   | 223332708                  | 213740540   | 186700200   | 211841470   |
| Aroclor-1016-5             | (5) | 221113370                   | 228268088   | 233867428                  | 235369996   | 178734160   | 219470608   |
| Aroclor-1260-1             | (1) | 431773857                   | 450001749   | 476240286                  | 447612572   | 391026880   | 439331069   |
| Aroclor-1260-2             | (2) | 673380136                   | 698254531   | 722944530                  | 686506064   | 658383800   | 687893812   |
| Aroclor-1260-3             | (3) | 611274773                   | 627246767   | 610311884                  | 614713140   | 476551180   | 588019549   |
| Aroclor-1260-4             | (4) | 447285263                   | 461047633   | 473248904                  | 505121600   | 368319820   | 451004644   |
| Aroclor-1260-5             | (5) | 1262689005                  | 1283961461  | 1337121492                 | 1347466800  | 964454900   | 1239138732  |
| Decachlorobiphenyl         |     | 7456684020                  | 7676252293  | 7829495380                 | 7672255680  | 5924316000  | 7311800675  |
| Tetrachloro-m-xylene       |     | 8554863660                  | 8750848067  | 8754072420                 | 8314620000  | 6283438800  | 8131568589  |
| Decachlorobiphenyl         |     | 8000645330                  | 8037989413  | 8087967020                 | 8086832920  | 6389983800  | 7720683697  |
| Tetrachloro-m-xylene       |     | 9125652230                  | 9195232120  | 9219491440                 | 9207437080  | 6341808000  | 8617924174  |
| Decachlorobiphenyl         |     | 7900018490                  | 8086308400  | 8195171040                 | 8262080520  | 6143274400  | 7717370570  |
| Tetrachloro-m-xylene       |     | 8946590960                  | 9189061507  | 9273186240                 | 9357342160  | 6567561400  | 8666748453  |
| Aroclor-1254-1             | (1) | 525205609                   | 551869540   | 568048078                  | 599161796   | 500508140   | 548958633   |
| Aroclor-1254-2             | (2) | 467389736                   | 490253857   | 501431616                  | 531267632   | 439250900   | 485918748   |
| Aroclor-1254-3             | (3) | 736681841                   | 765368536   | 778116616                  | 788008044   | 653257120   | 744286431   |
| Aroclor-1254-4             | (4) | 537295054                   | 560529123   | 571244926                  | 572391952   | 507057560   | 549703723   |
| Aroclor-1254-5             | (5) | 713157717                   | 729355651   | 738947588                  | 743850736   | 613809420   | 707824222   |
| Decachlorobiphenyl         |     | 7810644110                  | 7988158653  | 8118440840                 | 8069654680  | 6321650600  | 7661709777  |
| Tetrachloro-m-xylene       |     | 8477893750                  | 8928798520  | 9019842540                 | 9077508800  | 7004909800  | 8501790682  |
| Decachlorobiphenyl         |     | 14538757830                 | 14683927053 | 14777305700                | 14801547680 | 10962984400 | 13952904533 |
| Tetrachloro-m-xylene       |     | 8916461140                  | 9229914440  | 9271431040                 | 9355148600  | 6516020600  | 8657795164  |

## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_O

Contract: POWE02

SDG NO.: Q2807

Calibration Date(s): 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

| LAB FILE ID:         |     | CF 1000 =  | PO112414.D | CF 750 =   | PO112415.D |            |            |       |
|----------------------|-----|------------|------------|------------|------------|------------|------------|-------|
| CF 500 =             |     | PO112416.D | CF 250 =   | PO112417.D | CF 050 =   | PO112418.D |            |       |
| COMPOUND             |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | CF         | % RSD |
| Aroclor-1016-1       | (1) | 171399488  | 177928739  | 180256326  | 179838608  | 165612060  | 175007044  | 3     |
| Aroclor-1016-2       | (2) | 254283756  | 266059885  | 273532534  | 272267680  | 236331280  | 260495027  | 6     |
| Aroclor-1016-3       | (3) | 134555314  | 139369485  | 142347070  | 141007248  | 122553240  | 135966471  | 6     |
| Aroclor-1016-4       | (4) | 106915956  | 111683577  | 115661150  | 118698688  | 102464540  | 111084782  | 6     |
| Aroclor-1016-5       | (5) | 139169322  | 144750759  | 147937312  | 152336452  | 132321220  | 143303013  | 5     |
| Aroclor-1260-1       | (1) | 240286237  | 254043527  | 261134446  | 258041412  | 229050000  | 248511124  | 5     |
| Aroclor-1260-2       | (2) | 317223235  | 329626419  | 335041102  | 340620804  | 324956000  | 329493512  | 3     |
| Aroclor-1260-3       | (3) | 256241072  | 262701627  | 269297872  | 275910760  | 220454080  | 256921082  | 8     |
| Aroclor-1260-4       | (4) | 185740526  | 193469844  | 197255514  | 200936168  | 179151380  | 191310686  | 4     |
| Aroclor-1260-5       | (5) | 419199446  | 421594747  | 433075366  | 434815624  | 352283180  | 412193673  | 8     |
| Decachlorobiphenyl   |     | 1753295660 | 1820833173 | 1877801640 | 1892185680 | 1491444000 | 1767112031 | 9     |
| Tetrachloro-m-xylene |     | 5169666700 | 5314856493 | 5330554580 | 5111206560 | 3919594600 | 4969175787 | 12    |
| Decachlorobiphenyl   |     | 1831604040 | 1871840933 | 1924104720 | 1967119920 | 1579850400 | 1834904003 | 8     |
| Tetrachloro-m-xylene |     | 5483238770 | 5543459253 | 5573552360 | 5630865680 | 4061456200 | 5258514453 | 13    |
| Decachlorobiphenyl   |     | 1836524820 | 1878481893 | 1941164520 | 1982063240 | 1517022000 | 1831051295 | 10    |
| Tetrachloro-m-xylene |     | 5362990180 | 5502770333 | 5558036420 | 5629888520 | 4177350800 | 5246207251 | 12    |
| Aroclor-1254-1       | (1) | 308086628  | 324598995  | 339171148  | 360746064  | 310502200  | 328621007  | 6     |
| Aroclor-1254-2       | (2) | 269579969  | 283423153  | 295499466  | 318260532  | 280690420  | 289490708  | 6     |
| Aroclor-1254-3       | (3) | 411643535  | 427646563  | 444183030  | 462345912  | 391487940  | 427461396  | 6     |
| Aroclor-1254-4       | (4) | 256982627  | 269810957  | 279068642  | 286892132  | 272060980  | 272963068  | 4     |
| Aroclor-1254-5       | (5) | 324913084  | 333876627  | 346327314  | 357344936  | 307636300  | 334019652  | 5     |
| Decachlorobiphenyl   |     | 1794065640 | 1872151533 | 1910898600 | 1948005080 | 1573949600 | 1819814091 | 8     |
| Tetrachloro-m-xylene |     | 5135321880 | 5340323933 | 5419556800 | 5524764520 | 4404208000 | 5164835027 | 9     |
| Decachlorobiphenyl   |     | 3224484190 | 3300929360 | 3351395200 | 3481054400 | 2726789400 | 3216930510 | 9     |
| Tetrachloro-m-xylene |     | 5326223920 | 5511724707 | 5541913900 | 5672741280 | 4190979000 | 5248716561 | 12    |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance

**Contract:** POWE02

**Lab Code:** ACE

**SDG NO.:** Q2807

**Instrument ID:** \_\_\_\_\_

**Date(s) Analyzed:** \_\_\_\_\_

**GC Column:** \_\_\_\_\_

**ID:** \_\_\_\_\_ (mm)

| COMPOUND | AMOUNT<br>(ng) | PEAK | RT | RT WINDOW |    | CALIBRATION<br>FACTOR |
|----------|----------------|------|----|-----------|----|-----------------------|
|          |                |      |    | FROM      | TO |                       |
|          |                | 1    |    |           |    |                       |
|          |                | 2    |    |           |    |                       |
|          |                | 3    |    |           |    |                       |
|          |                | 4    |    |           |    |                       |
|          |                | 5    |    |           |    |                       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>POWE02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2807</u>                        |
| <b>Continuing Calib Date:</b> | <u>08/11/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/23/2025</u> <u>07/23/2025</u> |
| <b>Continuing Calib Time:</b> | <u>09:37</u>      | <b>Initial Calibration Time(s):</b> | <u>11:32</u> <u>19:47</u>           |

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.75       | 4.76      | 4.66                   | 4.86 | 0.01       |
| Aroclor-1016-2       | (2) | 4.77       | 4.77      | 4.67                   | 4.87 | 0.00       |
| Aroclor-1016-3       | (3) | 4.83       | 4.83      | 4.73                   | 4.93 | 0.00       |
| Aroclor-1016-4       | (4) | 4.95       | 4.95      | 4.85                   | 5.05 | 0.00       |
| Aroclor-1016-5       | (5) | 5.20       | 5.21      | 5.11                   | 5.31 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15                   | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33                   | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.79       | 6.80      | 6.70                   | 6.90 | 0.01       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96                   | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20                   | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.67       | 3.67      | 3.57                   | 3.77 | 0.00       |
| Decachlorobiphenyl   |     | 8.69       | 8.69      | 8.59                   | 8.79 | 0.00       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2807

Continuing Calib Date: 08/11/2025 Initial Calibration Date(s): 07/23/2025 07/23/2025

Continuing Calib Time: 09:37 Initial Calibration Time(s): 11:32 19:47

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1016-4       | (4) | 4.97       | 4.97      | 4.87      | 5.07 | 0.00       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.21       | 6.21      | 6.11      | 6.31 | 0.00       |
| Aroclor-1260-2       | (2) | 6.40       | 6.40      | 6.30      | 6.50 | 0.01       |
| Aroclor-1260-3       | (3) | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Aroclor-1260-4       | (4) | 7.02       | 7.02      | 6.92      | 7.12 | 0.01       |
| Aroclor-1260-5       | (5) | 7.26       | 7.26      | 7.16      | 7.36 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56      | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.63       | 8.64      | 8.54      | 8.74 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 08/11/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112829.D **Time Analyzed:** 09:37

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.752 | 4.655     | 4.855 | 562.790            | 500.000           | 12.6 |
| Aroclor-1016-2       | 4.771 | 4.674     | 4.874 | 564.160            | 500.000           | 12.8 |
| Aroclor-1016-3       | 4.827 | 4.731     | 4.931 | 549.990            | 500.000           | 10.0 |
| Aroclor-1016-4       | 4.947 | 4.851     | 5.051 | 551.230            | 500.000           | 10.2 |
| Aroclor-1016-5       | 5.203 | 5.108     | 5.308 | 564.730            | 500.000           | 12.9 |
| Aroclor-1260-1       | 6.239 | 6.145     | 6.345 | 544.060            | 500.000           | 8.8  |
| Aroclor-1260-2       | 6.429 | 6.333     | 6.533 | 527.450            | 500.000           | 5.5  |
| Aroclor-1260-3       | 6.794 | 6.700     | 6.900 | 548.500            | 500.000           | 9.7  |
| Aroclor-1260-4       | 7.053 | 6.959     | 7.159 | 505.950            | 500.000           | 1.2  |
| Aroclor-1260-5       | 7.296 | 7.203     | 7.403 | 494.820            | 500.000           | -1.0 |
| Decachlorobiphenyl   | 8.685 | 8.593     | 8.793 | 48.270             | 50.000            | -3.5 |
| Tetrachloro-m-xylene | 3.666 | 3.569     | 3.769 | 59.620             | 50.000            | 19.2 |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 08/11/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112829.D **Time Analyzed:** 09:37

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.732 | 4.638     | 4.838 | 528.370            | 500.000           | 5.7  |
| Aroclor-1016-2       | 4.750 | 4.656     | 4.856 | 524.210            | 500.000           | 4.8  |
| Aroclor-1016-3       | 4.925 | 4.831     | 5.031 | 506.610            | 500.000           | 1.3  |
| Aroclor-1016-4       | 4.968 | 4.873     | 5.073 | 510.430            | 500.000           | 2.1  |
| Aroclor-1016-5       | 5.180 | 5.085     | 5.285 | 526.910            | 500.000           | 5.4  |
| Aroclor-1260-1       | 6.207 | 6.113     | 6.313 | 527.430            | 500.000           | 5.5  |
| Aroclor-1260-2       | 6.395 | 6.302     | 6.502 | 530.180            | 500.000           | 6.0  |
| Aroclor-1260-3       | 6.546 | 6.453     | 6.653 | 543.660            | 500.000           | 8.7  |
| Aroclor-1260-4       | 7.015 | 6.923     | 7.123 | 544.260            | 500.000           | 8.9  |
| Aroclor-1260-5       | 7.257 | 7.164     | 7.364 | 563.790            | 500.000           | 12.8 |
| Decachlorobiphenyl   | 8.630 | 8.540     | 8.740 | 51.850             | 50.000            | 3.7  |
| Tetrachloro-m-xylene | 3.659 | 3.562     | 3.762 | 56.290             | 50.000            | 12.6 |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/11/2025

Initial Calibration Date(s): 07/23/2025

07/23/2025

Continuing Calib Time: 18:50

Initial Calibration Time(s): 11:32

19:47

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-2       | (2) | 4.77       | 4.77      | 4.67      | 4.87 | 0.00       |
| Aroclor-1016-3       | (3) | 4.83       | 4.83      | 4.73      | 4.93 | 0.00       |
| Aroclor-1016-4       | (4) | 4.95       | 4.95      | 4.85      | 5.05 | 0.00       |
| Aroclor-1016-5       | (5) | 5.20       | 5.21      | 5.11      | 5.31 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.80       | 6.80      | 6.70      | 6.90 | 0.00       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20      | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.67       | 3.67      | 3.57      | 3.77 | 0.00       |
| Decachlorobiphenyl   |     | 8.69       | 8.69      | 8.59      | 8.79 | 0.00       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2807

Continuing Calib Date: 08/11/2025 Initial Calibration Date(s): 07/23/2025 07/23/2025

Continuing Calib Time: 18:50 Initial Calibration Time(s): 11:32 19:47

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1016-4       | (4) | 4.97       | 4.97      | 4.87      | 5.07 | 0.00       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.21       | 6.21      | 6.11      | 6.31 | 0.00       |
| Aroclor-1260-2       | (2) | 6.40       | 6.40      | 6.30      | 6.50 | 0.00       |
| Aroclor-1260-3       | (3) | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Aroclor-1260-4       | (4) | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Aroclor-1260-5       | (5) | 7.26       | 7.26      | 7.16      | 7.36 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56      | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.63       | 8.64      | 8.54      | 8.74 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 08/11/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112844.D **Time Analyzed:** 18:50

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.752 | 4.655                | 4.855 | 532.140            | 500.000           | 6.4   |
| Aroclor-1016-2       | 4.771 | 4.674                | 4.874 | 528.650            | 500.000           | 5.7   |
| Aroclor-1016-3       | 4.828 | 4.731                | 4.931 | 509.980            | 500.000           | 2.0   |
| Aroclor-1016-4       | 4.947 | 4.851                | 5.051 | 517.910            | 500.000           | 3.6   |
| Aroclor-1016-5       | 5.203 | 5.108                | 5.308 | 543.290            | 500.000           | 8.7   |
| Aroclor-1260-1       | 6.239 | 6.145                | 6.345 | 563.200            | 500.000           | 12.6  |
| Aroclor-1260-2       | 6.429 | 6.333                | 6.533 | 524.250            | 500.000           | 4.9   |
| Aroclor-1260-3       | 6.795 | 6.700                | 6.900 | 451.160            | 500.000           | -9.8  |
| Aroclor-1260-4       | 7.054 | 6.959                | 7.159 | 424.560            | 500.000           | -15.1 |
| Aroclor-1260-5       | 7.297 | 7.203                | 7.403 | 400.740            | 500.000           | -19.9 |
| Decachlorobiphenyl   | 8.687 | 8.593                | 8.793 | 48.740             | 50.000            | -2.5  |
| Tetrachloro-m-xylene | 3.667 | 3.569                | 3.769 | 54.360             | 50.000            | 8.7   |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 08/11/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112844.D **Time Analyzed:** 18:50

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.733 | 4.638                | 4.838 | 488.920            | 500.000           | -2.2 |
| Aroclor-1016-2       | 4.751 | 4.656                | 4.856 | 491.740            | 500.000           | -1.7 |
| Aroclor-1016-3       | 4.926 | 4.831                | 5.031 | 481.850            | 500.000           | -3.6 |
| Aroclor-1016-4       | 4.969 | 4.873                | 5.073 | 484.840            | 500.000           | -3.0 |
| Aroclor-1016-5       | 5.180 | 5.085                | 5.285 | 503.530            | 500.000           | 0.7  |
| Aroclor-1260-1       | 6.208 | 6.113                | 6.313 | 481.150            | 500.000           | -3.8 |
| Aroclor-1260-2       | 6.396 | 6.302                | 6.502 | 475.820            | 500.000           | -4.8 |
| Aroclor-1260-3       | 6.548 | 6.453                | 6.653 | 462.550            | 500.000           | -7.5 |
| Aroclor-1260-4       | 7.017 | 6.923                | 7.123 | 468.560            | 500.000           | -6.3 |
| Aroclor-1260-5       | 7.259 | 7.164                | 7.364 | 480.810            | 500.000           | -3.8 |
| Decachlorobiphenyl   | 8.633 | 8.540                | 8.740 | 57.700             | 50.000            | 15.4 |
| Tetrachloro-m-xylene | 3.659 | 3.562                | 3.762 | 51.730             | 50.000            | 3.5  |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/12/2025

Initial Calibration Date(s): 07/23/2025

07/23/2025

Continuing Calib Time: 08:54

Initial Calibration Time(s): 11:32

19:47

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-2       | (2) | 4.77       | 4.77      | 4.67      | 4.87 | 0.00       |
| Aroclor-1016-3       | (3) | 4.83       | 4.83      | 4.73      | 4.93 | 0.00       |
| Aroclor-1016-4       | (4) | 4.95       | 4.95      | 4.85      | 5.05 | 0.00       |
| Aroclor-1016-5       | (5) | 5.20       | 5.21      | 5.11      | 5.31 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.79       | 6.80      | 6.70      | 6.90 | 0.01       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20      | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.67       | 3.67      | 3.57      | 3.77 | 0.01       |
| Decachlorobiphenyl   |     | 8.69       | 8.69      | 8.59      | 8.79 | 0.00       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q2807

Continuing Calib Date: 08/12/2025

Initial Calibration Date(s): 07/23/2025

07/23/2025

Continuing Calib Time: 08:54

Initial Calibration Time(s): 11:32

19:47

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.92       | 4.93      | 4.83      | 5.03 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.97      | 4.87      | 5.07 | 0.00       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.21       | 6.21      | 6.11      | 6.31 | 0.00       |
| Aroclor-1260-2       | (2) | 6.39       | 6.40      | 6.30      | 6.50 | 0.01       |
| Aroclor-1260-3       | (3) | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Aroclor-1260-4       | (4) | 7.02       | 7.02      | 6.92      | 7.12 | 0.01       |
| Aroclor-1260-5       | (5) | 7.26       | 7.26      | 7.16      | 7.36 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56      | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.63       | 8.64      | 8.54      | 8.74 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 08/12/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.750 | 4.655                | 4.855 | 651.000            | 500.000           | 30.2 |
| Aroclor-1016-2       | 4.769 | 4.674                | 4.874 | 549.480            | 500.000           | 9.9  |
| Aroclor-1016-3       | 4.826 | 4.731                | 4.931 | 565.780            | 500.000           | 13.2 |
| Aroclor-1016-4       | 4.945 | 4.851                | 5.051 | 571.540            | 500.000           | 14.3 |
| Aroclor-1016-5       | 5.202 | 5.108                | 5.308 | 574.860            | 500.000           | 15.0 |
| Aroclor-1260-1       | 6.238 | 6.145                | 6.345 | 579.220            | 500.000           | 15.8 |
| Aroclor-1260-2       | 6.428 | 6.333                | 6.533 | 547.500            | 500.000           | 9.5  |
| Aroclor-1260-3       | 6.794 | 6.700                | 6.900 | 528.750            | 500.000           | 5.8  |
| Aroclor-1260-4       | 7.053 | 6.959                | 7.159 | 498.850            | 500.000           | -0.2 |
| Aroclor-1260-5       | 7.296 | 7.203                | 7.403 | 553.130            | 500.000           | 10.6 |
| Decachlorobiphenyl   | 8.686 | 8.593                | 8.793 | 46.550             | 50.000            | -6.9 |
| Tetrachloro-m-xylene | 3.665 | 3.569                | 3.769 | 60.080             | 50.000            | 20.2 |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 08/12/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.731 | 4.638     | 4.838 | 532.580            | 500.000           | 6.5  |
| Aroclor-1016-2       | 4.749 | 4.656     | 4.856 | 524.330            | 500.000           | 4.9  |
| Aroclor-1016-3       | 4.924 | 4.831     | 5.031 | 531.470            | 500.000           | 6.3  |
| Aroclor-1016-4       | 4.966 | 4.873     | 5.073 | 529.880            | 500.000           | 6.0  |
| Aroclor-1016-5       | 5.179 | 5.085     | 5.285 | 523.970            | 500.000           | 4.8  |
| Aroclor-1260-1       | 6.206 | 6.113     | 6.313 | 535.240            | 500.000           | 7.0  |
| Aroclor-1260-2       | 6.394 | 6.302     | 6.502 | 538.810            | 500.000           | 7.8  |
| Aroclor-1260-3       | 6.545 | 6.453     | 6.653 | 559.410            | 500.000           | 11.9 |
| Aroclor-1260-4       | 7.015 | 6.923     | 7.123 | 530.130            | 500.000           | 6.0  |
| Aroclor-1260-5       | 7.257 | 7.164     | 7.364 | 549.900            | 500.000           | 10.0 |
| Decachlorobiphenyl   | 8.631 | 8.540     | 8.740 | 52.550             | 50.000            | 5.1  |
| Tetrachloro-m-xylene | 3.658 | 3.562     | 3.762 | 56.390             | 50.000            | 12.8 |

# CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>POWE02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2807</u>                        |
| <b>Continuing Calib Date:</b> | <u>08/12/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/23/2025</u> <u>07/23/2025</u> |
| <b>Continuing Calib Time:</b> | <u>15:50</u>      | <b>Initial Calibration Time(s):</b> | <u>11:32</u> <u>19:47</u>           |

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.75       | 4.76      | 4.66                   | 4.86 | 0.01       |
| Aroclor-1016-2       | (2) | 4.77       | 4.77      | 4.67                   | 4.87 | 0.00       |
| Aroclor-1016-3       | (3) | 4.83       | 4.83      | 4.73                   | 4.93 | 0.00       |
| Aroclor-1016-4       | (4) | 4.95       | 4.95      | 4.85                   | 5.05 | 0.00       |
| Aroclor-1016-5       | (5) | 5.20       | 5.21      | 5.11                   | 5.31 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15                   | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33                   | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.80       | 6.80      | 6.70                   | 6.90 | 0.00       |
| Aroclor-1260-4       | (4) | 7.06       | 7.06      | 6.96                   | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20                   | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.67       | 3.67      | 3.57                   | 3.77 | 0.00       |
| Decachlorobiphenyl   |     | 8.69       | 8.69      | 8.59                   | 8.79 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>POWE02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2807</u>                        |
| <b>Continuing Calib Date:</b> | <u>08/12/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/23/2025</u> <u>07/23/2025</u> |
| <b>Continuing Calib Time:</b> | <u>15:50</u>      | <b>Initial Calibration Time(s):</b> | <u>11:32</u> <u>19:47</u>           |

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.74      | 4.64      | 4.84 | 0.01       |
| Aroclor-1016-2       | (2) | 4.75       | 4.76      | 4.66      | 4.86 | 0.01       |
| Aroclor-1016-3       | (3) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1016-4       | (4) | 4.97       | 4.97      | 4.87      | 5.07 | 0.00       |
| Aroclor-1016-5       | (5) | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| Aroclor-1260-1       | (1) | 6.21       | 6.21      | 6.11      | 6.31 | 0.00       |
| Aroclor-1260-2       | (2) | 6.40       | 6.40      | 6.30      | 6.50 | 0.00       |
| Aroclor-1260-3       | (3) | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Aroclor-1260-4       | (4) | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Aroclor-1260-5       | (5) | 7.26       | 7.26      | 7.16      | 7.36 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56      | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.63       | 8.64      | 8.54      | 8.74 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 08/12/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.751 | 4.655                | 4.855 | 524.640            | 500.000           | 4.9  |
| Aroclor-1016-2       | 4.769 | 4.674                | 4.874 | 553.430            | 500.000           | 10.7 |
| Aroclor-1016-3       | 4.827 | 4.731                | 4.931 | 551.220            | 500.000           | 10.2 |
| Aroclor-1016-4       | 4.947 | 4.851                | 5.051 | 550.720            | 500.000           | 10.1 |
| Aroclor-1016-5       | 5.203 | 5.108                | 5.308 | 584.150            | 500.000           | 16.8 |
| Aroclor-1260-1       | 6.240 | 6.145                | 6.345 | 550.350            | 500.000           | 10.1 |
| Aroclor-1260-2       | 6.430 | 6.333                | 6.533 | 543.410            | 500.000           | 8.7  |
| Aroclor-1260-3       | 6.795 | 6.700                | 6.900 | 570.950            | 500.000           | 14.2 |
| Aroclor-1260-4       | 7.055 | 6.959                | 7.159 | 542.260            | 500.000           | 8.5  |
| Aroclor-1260-5       | 7.297 | 7.203                | 7.403 | 529.970            | 500.000           | 6.0  |
| Decachlorobiphenyl   | 8.687 | 8.593                | 8.793 | 48.970             | 50.000            | -2.1 |
| Tetrachloro-m-xylene | 3.667 | 3.569                | 3.769 | 57.760             | 50.000            | 15.5 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** POWE02  
**Lab Code:** ACE **SDG NO.:** Q2807  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 08/12/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.734 | 4.638     | 4.838 | 522.080            | 500.000           | 4.4  |
| Aroclor-1016-2       | 4.751 | 4.656     | 4.856 | 517.090            | 500.000           | 3.4  |
| Aroclor-1016-3       | 4.926 | 4.831     | 5.031 | 516.260            | 500.000           | 3.3  |
| Aroclor-1016-4       | 4.969 | 4.873     | 5.073 | 515.840            | 500.000           | 3.2  |
| Aroclor-1016-5       | 5.181 | 5.085     | 5.285 | 527.110            | 500.000           | 5.4  |
| Aroclor-1260-1       | 6.208 | 6.113     | 6.313 | 523.960            | 500.000           | 4.8  |
| Aroclor-1260-2       | 6.396 | 6.302     | 6.502 | 531.850            | 500.000           | 6.4  |
| Aroclor-1260-3       | 6.547 | 6.453     | 6.653 | 550.200            | 500.000           | 10.0 |
| Aroclor-1260-4       | 7.017 | 6.923     | 7.123 | 543.780            | 500.000           | 8.8  |
| Aroclor-1260-5       | 7.260 | 7.164     | 7.364 | 560.820            | 500.000           | 12.2 |
| Decachlorobiphenyl   | 8.633 | 8.540     | 8.740 | 53.180             | 50.000            | 6.4  |
| Tetrachloro-m-xylene | 3.659 | 3.562     | 3.762 | 55.270             | 50.000            | 10.5 |

## Analytical Sequence

|                             |                      |                                             |
|-----------------------------|----------------------|---------------------------------------------|
| Client: Kleinfelder         | SDG No.: Q2807       |                                             |
| Project: Girard School - PA | Instrument ID: ECD_O |                                             |
| GC Column: ZB-MR1           | ID: 0.32 (mm)        | Inst. Calib. Date(s): 07/23/2025 07/23/2025 |

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

| CLIENT ID     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK          | IBLK             | 07/23/2025       | 11:14            | PO112413.D | 8.69        | 3.67        |
| AR1660ICC1000 | AR1660ICC1000    | 07/23/2025       | 11:32            | PO112414.D | 8.70        | 3.67        |
| AR1660ICC750  | AR1660ICC750     | 07/23/2025       | 11:50            | PO112415.D | 8.69        | 3.67        |
| AR1660ICC500  | AR1660ICC500     | 07/23/2025       | 12:08            | PO112416.D | 8.69        | 3.67        |
| AR1660ICC250  | AR1660ICC250     | 07/23/2025       | 12:27            | PO112417.D | 8.69        | 3.67        |
| AR1660ICC050  | AR1660ICC050     | 07/23/2025       | 12:45            | PO112418.D | 8.69        | 3.67        |
| AR1221ICC500  | AR1221ICC500     | 07/23/2025       | 13:03            | PO112419.D | 8.69        | 3.67        |
| AR1232ICC500  | AR1232ICC500     | 07/23/2025       | 13:22            | PO112420.D | 8.69        | 3.67        |
| AR1242ICC1000 | AR1242ICC1000    | 07/23/2025       | 13:40            | PO112421.D | 8.69        | 3.67        |
| AR1242ICC750  | AR1242ICC750     | 07/23/2025       | 13:59            | PO112422.D | 8.69        | 3.67        |
| AR1242ICC500  | AR1242ICC500     | 07/23/2025       | 14:17            | PO112423.D | 8.69        | 3.67        |
| AR1242ICC250  | AR1242ICC250     | 07/23/2025       | 14:36            | PO112424.D | 8.69        | 3.67        |
| AR1242ICC050  | AR1242ICC050     | 07/23/2025       | 14:54            | PO112425.D | 8.70        | 3.67        |
| AR1248ICC1000 | AR1248ICC1000    | 07/23/2025       | 15:13            | PO112426.D | 8.69        | 3.67        |
| AR1248ICC750  | AR1248ICC750     | 07/23/2025       | 15:31            | PO112427.D | 8.69        | 3.67        |
| AR1248ICC500  | AR1248ICC500     | 07/23/2025       | 15:48            | PO112428.D | 8.69        | 3.67        |
| AR1248ICC250  | AR1248ICC250     | 07/23/2025       | 16:07            | PO112429.D | 8.70        | 3.67        |
| AR1248ICC050  | AR1248ICC050     | 07/23/2025       | 16:25            | PO112430.D | 8.69        | 3.67        |
| AR1254ICC1000 | AR1254ICC1000    | 07/23/2025       | 16:44            | PO112431.D | 8.69        | 3.67        |
| AR1254ICC750  | AR1254ICC750     | 07/23/2025       | 17:02            | PO112432.D | 8.69        | 3.67        |
| AR1254ICC500  | AR1254ICC500     | 07/23/2025       | 17:21            | PO112433.D | 8.70        | 3.67        |
| AR1254ICC250  | AR1254ICC250     | 07/23/2025       | 17:39            | PO112434.D | 8.69        | 3.67        |
| AR1254ICC050  | AR1254ICC050     | 07/23/2025       | 17:57            | PO112435.D | 8.69        | 3.67        |
| AR1262ICC500  | AR1262ICC500     | 07/23/2025       | 18:16            | PO112436.D | 8.70        | 3.67        |
| AR1268ICC1000 | AR1268ICC1000    | 07/23/2025       | 18:34            | PO112437.D | 8.70        | 3.67        |
| AR1268ICC750  | AR1268ICC750     | 07/23/2025       | 18:53            | PO112438.D | 8.70        | 3.67        |
| AR1268ICC500  | AR1268ICC500     | 07/23/2025       | 19:11            | PO112439.D | 8.70        | 3.67        |
| AR1268ICC250  | AR1268ICC250     | 07/23/2025       | 19:28            | PO112440.D | 8.69        | 3.67        |
| AR1268ICC050  | AR1268ICC050     | 07/23/2025       | 19:47            | PO112441.D | 8.70        | 3.67        |
| AR1660CCC500  | AR1660CCC500     | 08/11/2025       | 09:37            | PO112829.D | 8.69        | 3.67        |
| IBLK          | IBLK             | 08/11/2025       | 11:00            | PO112833.D | 8.69        | 3.67        |
| PB169186BL    | PB169186BL       | 08/11/2025       | 14:36            | PO112835.D | 8.69        | 3.67        |
| PB169186BS    | PB169186BS       | 08/11/2025       | 14:54            | PO112836.D | 8.69        | 3.67        |
| COMP-4        | Q2807-01         | 08/11/2025       | 15:12            | PO112837.D | 8.68        | 3.67        |
| COMP-5MS      | Q2807-02MS       | 08/11/2025       | 15:49            | PO112839.D | 8.69        | 3.67        |
| COMP-5MSD     | Q2807-02MSD      | 08/11/2025       | 16:07            | PO112840.D | 8.69        | 3.67        |
| COMP-6        | Q2807-03         | 08/11/2025       | 16:24            | PO112841.D | 8.68        | 3.67        |
| AR1660CCC500  | AR1660CCC500     | 08/11/2025       | 18:50            | PO112844.D | 8.69        | 3.67        |
| IBLK          | IBLK             | 08/11/2025       | 20:02            | PO112848.D | 8.69        | 3.67        |
| AR1660CCC500  | AR1660CCC500     | 08/12/2025       | 08:54            | PO112850.D | 8.69        | 3.67        |
| IBLK          | IBLK             | 08/12/2025       | 10:05            | PO112854.D | 8.69        | 3.66        |
| COMP-5        | Q2807-02         | 08/12/2025       | 11:01            | PO112857.D | 8.69        | 3.67        |

**Analytical Sequence**

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| AR1660CCC500 | AR1660CCC500 | 08/12/2025 | 15:50 | PO112865.D | 8.69 | 3.67 |
| I.BLK        | I.BLK        | 08/12/2025 | 17:00 | PO112869.D | 8.69 | 3.67 |

## Analytical Sequence

|                             |                      |                                             |
|-----------------------------|----------------------|---------------------------------------------|
| Client: Kleinfelder         | SDG No.: Q2807       |                                             |
| Project: Girard School - PA | Instrument ID: ECD_O |                                             |
| GC Column: ZB-MR2           | ID: 0.32 (mm)        | Inst. Calib. Date(s): 07/23/2025 07/23/2025 |

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

| CLIENT ID     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK          | IBLK             | 07/23/2025       | 11:14            | PO112413.D | 8.64        | 3.66        |
| AR1660ICC1000 | AR1660ICC1000    | 07/23/2025       | 11:32            | PO112414.D | 8.64        | 3.66        |
| AR1660ICC750  | AR1660ICC750     | 07/23/2025       | 11:50            | PO112415.D | 8.64        | 3.66        |
| AR1660ICC500  | AR1660ICC500     | 07/23/2025       | 12:08            | PO112416.D | 8.64        | 3.66        |
| AR1660ICC250  | AR1660ICC250     | 07/23/2025       | 12:27            | PO112417.D | 8.64        | 3.66        |
| AR1660ICC050  | AR1660ICC050     | 07/23/2025       | 12:45            | PO112418.D | 8.64        | 3.66        |
| AR1221ICC500  | AR1221ICC500     | 07/23/2025       | 13:03            | PO112419.D | 8.64        | 3.66        |
| AR1232ICC500  | AR1232ICC500     | 07/23/2025       | 13:22            | PO112420.D | 8.64        | 3.66        |
| AR1242ICC1000 | AR1242ICC1000    | 07/23/2025       | 13:40            | PO112421.D | 8.64        | 3.66        |
| AR1242ICC750  | AR1242ICC750     | 07/23/2025       | 13:59            | PO112422.D | 8.64        | 3.66        |
| AR1242ICC500  | AR1242ICC500     | 07/23/2025       | 14:17            | PO112423.D | 8.64        | 3.66        |
| AR1242ICC250  | AR1242ICC250     | 07/23/2025       | 14:36            | PO112424.D | 8.64        | 3.66        |
| AR1242ICC050  | AR1242ICC050     | 07/23/2025       | 14:54            | PO112425.D | 8.64        | 3.66        |
| AR1248ICC1000 | AR1248ICC1000    | 07/23/2025       | 15:13            | PO112426.D | 8.64        | 3.66        |
| AR1248ICC750  | AR1248ICC750     | 07/23/2025       | 15:31            | PO112427.D | 8.64        | 3.66        |
| AR1248ICC500  | AR1248ICC500     | 07/23/2025       | 15:48            | PO112428.D | 8.64        | 3.66        |
| AR1248ICC250  | AR1248ICC250     | 07/23/2025       | 16:07            | PO112429.D | 8.64        | 3.66        |
| AR1248ICC050  | AR1248ICC050     | 07/23/2025       | 16:25            | PO112430.D | 8.64        | 3.66        |
| AR1254ICC1000 | AR1254ICC1000    | 07/23/2025       | 16:44            | PO112431.D | 8.64        | 3.66        |
| AR1254ICC750  | AR1254ICC750     | 07/23/2025       | 17:02            | PO112432.D | 8.64        | 3.66        |
| AR1254ICC500  | AR1254ICC500     | 07/23/2025       | 17:21            | PO112433.D | 8.64        | 3.66        |
| AR1254ICC250  | AR1254ICC250     | 07/23/2025       | 17:39            | PO112434.D | 8.64        | 3.66        |
| AR1254ICC050  | AR1254ICC050     | 07/23/2025       | 17:57            | PO112435.D | 8.64        | 3.66        |
| AR1262ICC500  | AR1262ICC500     | 07/23/2025       | 18:16            | PO112436.D | 8.64        | 3.66        |
| AR1268ICC1000 | AR1268ICC1000    | 07/23/2025       | 18:34            | PO112437.D | 8.64        | 3.66        |
| AR1268ICC750  | AR1268ICC750     | 07/23/2025       | 18:53            | PO112438.D | 8.64        | 3.66        |
| AR1268ICC500  | AR1268ICC500     | 07/23/2025       | 19:11            | PO112439.D | 8.64        | 3.66        |
| AR1268ICC250  | AR1268ICC250     | 07/23/2025       | 19:28            | PO112440.D | 8.64        | 3.66        |
| AR1268ICC050  | AR1268ICC050     | 07/23/2025       | 19:47            | PO112441.D | 8.64        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 08/11/2025       | 09:37            | PO112829.D | 8.63        | 3.66        |
| IBLK          | IBLK             | 08/11/2025       | 11:00            | PO112833.D | 8.63        | 3.66        |
| PB169186BL    | PB169186BL       | 08/11/2025       | 14:36            | PO112835.D | 8.63        | 3.66        |
| PB169186BS    | PB169186BS       | 08/11/2025       | 14:54            | PO112836.D | 8.63        | 3.66        |
| COMP-4        | Q2807-01         | 08/11/2025       | 15:12            | PO112837.D | 8.63        | 3.66        |
| COMP-5MS      | Q2807-02MS       | 08/11/2025       | 15:49            | PO112839.D | 8.63        | 3.66        |
| COMP-5MSD     | Q2807-02MSD      | 08/11/2025       | 16:07            | PO112840.D | 8.63        | 3.66        |
| COMP-6        | Q2807-03         | 08/11/2025       | 16:24            | PO112841.D | 8.63        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 08/11/2025       | 18:50            | PO112844.D | 8.63        | 3.66        |
| IBLK          | IBLK             | 08/11/2025       | 20:02            | PO112848.D | 8.63        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 08/12/2025       | 08:54            | PO112850.D | 8.63        | 3.66        |
| IBLK          | IBLK             | 08/12/2025       | 10:05            | PO112854.D | 8.63        | 3.66        |
| COMP-5        | Q2807-02         | 08/12/2025       | 11:01            | PO112857.D | 8.63        | 3.66        |



### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| AR1660CCC500 | AR1660CCC500 | 08/12/2025 | 15:50 | PO112865.D | 8.63 | 3.66 |
| I.BLK        | I.BLK        | 08/12/2025 | 17:00 | PO112869.D | 8.63 | 3.66 |



# QC SAMPLE DATA

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    |            |
| Project:           | Girard School - PA | Date Received:     |            |
| Client Sample ID:  | PB169186BL         | SDG No.:           | Q2807      |
| Lab Sample ID:     | PB169186BL         | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 100        |
| Sample Wt/Vol:     | 30.01              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | Injection Volume : |            |
| Prep Method :      | SW3541B            |                    |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112835.D        | 1         | 08/11/25 08:30 | 08/11/25 14:36 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 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             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.5  |           | 32 - 144 | 103%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 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

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 07/23/25   |
| Project:           | Girard School - PA | Date Received:     | 07/23/25   |
| Client Sample ID:  | PIBLK-PO112413.D   | SDG No.:           | Q2807      |
| Lab Sample ID:     | I.BLK-PO112413.D   | Matrix:            | WATER      |
| Analytical Method: | 8082A              | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000               | Units:             | mL         |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | 5030               | Injection Volume : |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO112413.D        | 1         |           | 07/23/25      | PO072325      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |           | 60 - 140 | 95%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.0  |           | 60 - 140 | 100%       | SPK: 20 |

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## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/11/25   |
| Project:           | Girard School - PA | Date Received:     | 08/11/25   |
| Client Sample ID:  | PIBLK-PO112833.D   | SDG No.:           | Q2807      |
| Lab Sample ID:     | I.BLK-PO112833.D   | Matrix:            | WATER      |
| Analytical Method: | 8082A              | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000               | Units:             | mL         |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | 5030               | Injection Volume : |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO112833.D        | 1         |           | 08/11/25      | po081125      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 21.1  |           | 60 - 140 | 106%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.1  |           | 60 - 140 | 96%        | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/11/25   |
| Project:           | Girard School - PA | Date Received:     | 08/11/25   |
| Client Sample ID:  | PIBLK-PO112848.D   | SDG No.:           | Q2807      |
| Lab Sample ID:     | I.BLK-PO112848.D   | Matrix:            | WATER      |
| Analytical Method: | 8082A              | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000               | Units:             | mL         |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | 5030               | Injection Volume : |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO112848.D        | 1         |           | 08/11/25      | po081125      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.7  |           | 60 - 140 | 104%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.3  |           | 60 - 140 | 86%        | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/12/25   |
| Project:           | Girard School - PA | Date Received:     | 08/12/25   |
| Client Sample ID:  | PIBLK-PO112854.D   | SDG No.:           | Q2807      |
| Lab Sample ID:     | I.BLK-PO112854.D   | Matrix:            | WATER      |
| Analytical Method: | 8082A              | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000               | Units:             | mL         |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | 5030               | Injection Volume : |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO112854.D        | 1         |           | 08/12/25      | PO081225      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.5  |           | 60 - 140 | 102%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 60 - 140 | 86%        | SPK: 20 |

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/12/25   |
| Project:           | Girard School - PA | Date Received:     | 08/12/25   |
| Client Sample ID:  | PIBLK-PO112869.D   | SDG No.:           | Q2807      |
| Lab Sample ID:     | I.BLK-PO112869.D   | Matrix:            | WATER      |
| Analytical Method: | 8082A              | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000               | Units:             | mL         |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | 5030               | Injection Volume : |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO112869.D        | 1         |           | 08/12/25      | po081225      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 60 - 140 | 102%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.2  |           | 60 - 140 | 96%        | SPK: 20 |

### Comments:

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() = Laboratory InHouse Limit



## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    |            |
| Project:           | Girard School - PA | Date Received:     |            |
| Client Sample ID:  | PB169186BS         | SDG No.:           | Q2807      |
| Lab Sample ID:     | PB169186BS         | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 100        |
| Sample Wt/Vol:     | 30.03              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | SW3541B            | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112836.D        | 1         | 08/11/25 08:30 | 08/11/25 14:54 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 171   |           | 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         | 173   |           | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.7  |           | 32 - 144 | 94%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.9  |           | 32 - 175 | 105%       | SPK: 20           |

### Comments:

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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

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/07/25   |
| Project:           | Girard School - PA | Date Received:     | 08/08/25   |
| Client Sample ID:  | COMP-5MS           | SDG No.:           | Q2807      |
| Lab Sample ID:     | Q2807-02MS         | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 84.5       |
| Sample Wt/Vol:     | 30.05              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | SW3541B            | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112839.D        | 1         | 08/11/25 08:30 | 08/11/25 15:49 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 223   |           | 4.70     | 20.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 206   |           | 3.80     | 20.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.5  |           | 32 - 144 | 112%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.5  |           | 32 - 175 | 97%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                    |                    |            |
|--------------------|--------------------|--------------------|------------|
| Client:            | Kleinfelder        | Date Collected:    | 08/07/25   |
| Project:           | Girard School - PA | Date Received:     | 08/08/25   |
| Client Sample ID:  | COMP-5MSD          | SDG No.:           | Q2807      |
| Lab Sample ID:     | Q2807-02MSD        | Matrix:            | SOIL       |
| Analytical Method: | 8082A              | % Solid:           | 84.5       |
| Sample Wt/Vol:     | 30.03              | Units:             | g          |
| Soil Aliquot Vol:  |                    |                    | uL         |
| Extraction Type:   |                    | Test:              | PCB Group1 |
| GPC Factor :       | 1.0                | PH :               |            |
| Prep Method :      | SW3541B            | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112840.D        | 1         | 08/11/25 08:30 | 08/11/25 16:07 | PB169186      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 223   |           | 4.70     | 20.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 212   |           | 3.80     | 20.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 23.4  |           | 32 - 144 | 117%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.6  |           | 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

## LAB CHRONICLE

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

| LabID           | ClientID      | Matrix      | Test              | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|-------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2807-01</b> | <b>COMP-4</b> | <b>SOIL</b> |                   |        | <b>08/07/25</b> |           |           | <b>08/08/25</b> |
|                 |               |             | Mercury           | 7471B  |                 | 08/08/25  | 08/11/25  |                 |
|                 |               |             | Metals ICP-Group1 | 6010D  |                 | 08/08/25  | 08/11/25  |                 |
| <b>Q2807-02</b> | <b>COMP-5</b> | <b>SOIL</b> |                   |        | <b>08/07/25</b> |           |           | <b>08/08/25</b> |
|                 |               |             | Mercury           | 7471B  |                 | 08/08/25  | 08/11/25  |                 |
|                 |               |             | Metals ICP-Group1 | 6010D  |                 | 08/08/25  | 08/11/25  |                 |
| <b>Q2807-03</b> | <b>COMP-6</b> | <b>SOIL</b> |                   |        | <b>08/07/25</b> |           |           | <b>08/08/25</b> |
|                 |               |             | Mercury           | 7471B  |                 | 08/08/25  | 08/11/25  |                 |
|                 |               |             | Metals ICP-Group1 | 6010D  |                 | 08/08/25  | 08/11/25  |                 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2807 **Order ID:** Q2807  
**Client:** Kleinfelder **Project ID:** Girard School - PA

| Sample ID                 | Client ID | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|---------------------------|-----------|--------|-----------|---------------|---|-------|------|-------|
| <b>Client ID : COMP-4</b> |           |        |           |               |   |       |      |       |
| Q2807-01                  | COMP-4    | SOIL   | Aluminum  | 9840          |   | 0.90  | 5.32 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Arsenic   | 5.90          |   | 0.20  | 1.06 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Barium    | 74.1          |   | 0.78  | 5.32 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Beryllium | 0.81          |   | 0.027 | 0.32 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Cadmium   | 1.01          |   | 0.026 | 0.32 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Calcium   | 2000          |   | 11.8  | 106  | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Chromium  | 18.5          |   | 0.050 | 0.53 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Cobalt    | 11.2          |   | 0.11  | 1.60 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Copper    | 19.1          |   | 0.23  | 1.06 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Iron      | 23000         |   | 4.25  | 5.32 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Lead      | 32.1          |   | 0.14  | 0.64 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Magnesium | 2910          |   | 12.8  | 106  | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Manganese | 339           |   | 0.15  | 1.06 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Mercury   | 3.51          | D | 0.082 | 0.15 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Nickel    | 11.9          |   | 0.14  | 2.13 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Potassium | 1860          |   | 29.5  | 106  | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Selenium  | 0.59          | J | 0.28  | 1.06 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Silver    | 0.80          |   | 0.13  | 0.53 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Sodium    | 10900         |   | 19.0  | 106  | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Vanadium  | 33.8          |   | 0.27  | 2.13 | mg/Kg |
| Q2807-01                  | COMP-4    | SOIL   | Zinc      | 58.3          |   | 0.25  | 2.13 | mg/Kg |
| <b>Client ID : COMP-5</b> |           |        |           |               |   |       |      |       |
| Q2807-02                  | COMP-5    | SOIL   | Aluminum  | 6880          |   | 0.82  | 4.89 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Arsenic   | 4.80          |   | 0.19  | 0.98 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Barium    | 55.3          |   | 0.71  | 4.89 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Beryllium | 0.61          |   | 0.024 | 0.29 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Cadmium   | 0.57          |   | 0.023 | 0.29 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Calcium   | 3380          |   | 10.9  | 97.8 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Chromium  | 12.6          |   | 0.046 | 0.49 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Cobalt    | 5.94          |   | 0.098 | 1.47 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Copper    | 16.8          |   | 0.22  | 0.98 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Iron      | 12600         |   | 3.90  | 4.89 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Lead      | 73.2          |   | 0.13  | 0.59 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Magnesium | 1310          |   | 11.7  | 97.8 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Manganese | 236           |   | 0.14  | 0.98 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Mercury   | 1.36          | D | 0.080 | 0.14 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Nickel    | 8.76          |   | 0.13  | 1.96 | mg/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2807 **Order ID:** Q2807  
**Client:** Kleinfelder **Project ID:** Girard School - PA

| Sample ID                 | Client ID | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|---------------------------|-----------|--------|-----------|---------------|---|-------|------|-------|
| Q2807-02                  | COMP-5    | SOIL   | Potassium | 484           |   | 27.1  | 97.8 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Silver    | 0.59          |   | 0.12  | 0.49 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Sodium    | 204           |   | 17.4  | 97.8 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Vanadium  | 19.1          |   | 0.25  | 1.96 | mg/Kg |
| Q2807-02                  | COMP-5    | SOIL   | Zinc      | 36.2          |   | 0.23  | 1.96 | mg/Kg |
| <b>Client ID : COMP-6</b> |           |        |           |               |   |       |      |       |
| Q2807-03                  | COMP-6    | SOIL   | Aluminum  | 9030          |   | 0.85  | 5.05 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Arsenic   | 6.33          |   | 0.19  | 1.01 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Barium    | 60.0          |   | 0.74  | 5.05 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Beryllium | 0.72          |   | 0.025 | 0.30 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Cadmium   | 0.62          |   | 0.024 | 0.30 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Calcium   | 2120          |   | 11.2  | 101  | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Chromium  | 16.3          |   | 0.047 | 0.51 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Cobalt    | 5.41          |   | 0.10  | 1.51 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Copper    | 11.0          |   | 0.22  | 1.01 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Iron      | 15600         |   | 4.03  | 5.05 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Lead      | 79.0          |   | 0.13  | 0.61 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Magnesium | 1730          |   | 12.1  | 101  | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Manganese | 190           |   | 0.14  | 1.01 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Mercury   | 2.26          | D | 0.088 | 0.16 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Nickel    | 8.71          |   | 0.13  | 2.02 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Potassium | 494           |   | 28.0  | 101  | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Silver    | 0.43          | J | 0.12  | 0.51 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Sodium    | 229           |   | 18.0  | 101  | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Vanadium  | 23.5          |   | 0.25  | 2.02 | mg/Kg |
| Q2807-03                  | COMP-6    | SOIL   | Zinc      | 36.6          |   | 0.23  | 2.02 | mg/Kg |



# SAMPLE DATA

A

B

C

D

E

F

G

H

## Report of Analysis

|                   |                    |                 |          |
|-------------------|--------------------|-----------------|----------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25 |
| Client Sample ID: | COMP-4             | SDG No.:        | Q2807    |
| Lab Sample ID:    | Q2807-01           | Matrix:         | SOIL     |
| Level (low/med):  | low                | % Solid:        | 83.1     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 9840  |      | 1  | 0.90  | 5.32       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.23  | UN   | 1  | 0.23  | 2.66       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 5.90  | N    | 1  | 0.20  | 1.06       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 74.1  |      | 1  | 0.78  | 5.32       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.81  | N    | 1  | 0.027 | 0.32       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 1.01  |      | 1  | 0.026 | 0.32       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 2000  |      | 1  | 11.8  | 106        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 18.5  | N    | 1  | 0.050 | 0.53       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 11.2  |      | 1  | 0.11  | 1.60       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 19.1  | N    | 1  | 0.23  | 1.06       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 23000 |      | 1  | 4.25  | 5.32       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 32.1  |      | 1  | 0.14  | 0.64       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 2910  |      | 1  | 12.8  | 106        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 339   |      | 1  | 0.15  | 1.06       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 3.51  | D*   | 10 | 0.082 | 0.15       | mg/Kg             | 08/08/25 11:35 | 08/11/25 13:25 | 7471B    |           |
| 7440-02-0 | Nickel    | 11.9  |      | 1  | 0.14  | 2.13       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 1860  | N    | 1  | 29.5  | 106        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.59  | JN   | 1  | 0.28  | 1.06       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.80  | N    | 1  | 0.13  | 0.53       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 10900 | N    | 1  | 19.0  | 106        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.25  | U    | 1  | 0.25  | 2.13       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 33.8  | N    | 1  | 0.27  | 2.13       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 58.3  |      | 1  | 0.25  | 2.13       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:42 | 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



## Report of Analysis

|                   |                    |                 |          |
|-------------------|--------------------|-----------------|----------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25 |
| Client Sample ID: | COMP-5             | SDG No.:        | Q2807    |
| Lab Sample ID:    | Q2807-02           | Matrix:         | SOIL     |
| Level (low/med):  | low                | % Solid:        | 84.5     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 6880  |      | 1  | 0.82  | 4.89       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.22  | UN   | 1  | 0.22  | 2.45       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 4.80  | N    | 1  | 0.19  | 0.98       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 55.3  |      | 1  | 0.71  | 4.89       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.61  | N    | 1  | 0.024 | 0.29       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.57  |      | 1  | 0.023 | 0.29       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 3380  |      | 1  | 10.9  | 97.8       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 12.6  | N    | 1  | 0.046 | 0.49       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 5.94  |      | 1  | 0.098 | 1.47       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 16.8  | N    | 1  | 0.22  | 0.98       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 12600 |      | 1  | 3.90  | 4.89       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 73.2  |      | 1  | 0.13  | 0.59       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 1310  |      | 1  | 11.7  | 97.8       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 236   |      | 1  | 0.14  | 0.98       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 1.36  | D*   | 10 | 0.080 | 0.14       | mg/Kg             | 08/08/25 11:35 | 08/11/25 13:37 | 7471B    |           |
| 7440-02-0 | Nickel    | 8.76  |      | 1  | 0.13  | 1.96       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 484   | N    | 1  | 27.1  | 97.8       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.25  | UN   | 1  | 0.25  | 0.98       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.59  | N    | 1  | 0.12  | 0.49       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 204   | N    | 1  | 17.4  | 97.8       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23  | U    | 1  | 0.23  | 1.96       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 19.1  | N    | 1  | 0.25  | 1.96       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 36.2  |      | 1  | 0.23  | 1.96       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:47 | 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

## Report of Analysis

|                   |                    |                 |          |
|-------------------|--------------------|-----------------|----------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25 |
| Client Sample ID: | COMP-6             | SDG No.:        | Q2807    |
| Lab Sample ID:    | Q2807-03           | Matrix:         | SOIL     |
| Level (low/med):  | low                | % Solid:        | 83.6     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 9030  |      | 1  | 0.85  | 5.05       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.22  | UN   | 1  | 0.22  | 2.52       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 6.33  | N    | 1  | 0.19  | 1.01       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 60.0  |      | 1  | 0.74  | 5.05       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.72  | N    | 1  | 0.025 | 0.30       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.62  |      | 1  | 0.024 | 0.30       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 2120  |      | 1  | 11.2  | 101        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 16.3  | N    | 1  | 0.047 | 0.51       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 5.41  |      | 1  | 0.10  | 1.51       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 11.0  | N    | 1  | 0.22  | 1.01       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 15600 |      | 1  | 4.03  | 5.05       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 79.0  |      | 1  | 0.13  | 0.61       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 1730  |      | 1  | 12.1  | 101        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 190   |      | 1  | 0.14  | 1.01       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 2.26  | D*   | 10 | 0.088 | 0.16       | mg/Kg             | 08/08/25 11:35 | 08/11/25 13:39 | 7471B    |           |
| 7440-02-0 | Nickel    | 8.71  |      | 1  | 0.13  | 2.02       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 494   | N    | 1  | 28.0  | 101        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.26  | UN   | 1  | 0.26  | 1.01       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.43  | JN   | 1  | 0.12  | 0.51       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 229   | N    | 1  | 18.0  | 101        | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23  | U    | 1  | 0.23  | 2.02       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 23.5  | N    | 1  | 0.25  | 2.02       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 36.6  |      | 1  | 0.23  | 2.02       | mg/Kg             | 08/08/25 13:15 | 08/11/25 18:51 | 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

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

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

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

## Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |



# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder  
Contract: POWE02  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2807  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7640           | 8000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Antimony  | 3950           | 4000       | 99            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Arsenic   | 3820           | 4000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Barium    | 7520           | 8000       | 94            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Beryllium | 190            | 200        | 95            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Cadmium   | 1900           | 2000       | 95            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Calcium   | 19100          | 20000      | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Chromium  | 793            | 800        | 99            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Cobalt    | 1930           | 2000       | 97            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Copper    | 989            | 1000       | 99            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Iron      | 3930           | 4000       | 98            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Lead      | 3970           | 4000       | 99            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Magnesium | 19100          | 20000      | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Manganese | 1910           | 2000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Nickel    | 1940           | 2000       | 97            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Potassium | 19100          | 20000      | 95            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Selenium  | 3830           | 4000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Silver    | 1030           | 1000       | 103           | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Sodium    | 18700          | 20000      | 93            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Thallium  | 3790           | 4000       | 95            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Vanadium  | 1920           | 2000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |
|           | Zinc      | 1920           | 2000       | 96            | 90 - 110                  | P | 08/11/2025       | 16:44            | LB136779      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 100            | 100        | 100           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Antimony  | 51.5           | 50.0       | 103           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Arsenic   | 19.3           | 20.0       | 97            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Barium    | 96.4           | 100        | 96            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Beryllium | 5.99           | 6.0        | 100           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Cadmium   | 5.94           | 6.0        | 99            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Calcium   | 2030           | 2000       | 101           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Chromium  | 9.85           | 10.0       | 98            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Cobalt    | 29.6           | 30.0       | 99            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Copper    | 21.3           | 20.0       | 107           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Iron      | 84.3           | 100        | 84            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Lead      | 12.5           | 12.0       | 104           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Magnesium | 2120           | 2000       | 106           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Manganese | 22.6           | 20.0       | 113           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Nickel    | 39.9           | 40.0       | 100           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Potassium | 1790           | 2000       | 90            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Selenium  | 22.2           | 20.0       | 111           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Silver    | 9.94           | 10.0       | 99            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Sodium    | 1770           | 2000       | 88            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Thallium  | 40.7           | 40.0       | 102           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Vanadium  | 38.9           | 40.0       | 97            | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |
|           | Zinc      | 41.2           | 40.0       | 103           | 80 - 120                  | P | 08/11/2025       | 16:49            | LB136779      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9600           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Antimony  | 4890           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Arsenic   | 4950           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Barium    | 9490           | 10000      | 95            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Beryllium | 239            | 250        | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Chromium  | 972            | 1000       | 97            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Cobalt    | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Iron      | 4850           | 5000       | 97            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Lead      | 4840           | 5000       | 97            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Magnesium | 23900          | 25000      | 95            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Manganese | 2400           | 2500       | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Potassium | 24000          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Selenium  | 4950           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Silver    | 1210           | 1250       | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Sodium    | 24100          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Thallium  | 4880           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:19            | LB136779      |
| CCV02     | Aluminum  | 9700           | 10000      | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Antimony  | 4930           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Arsenic   | 5010           | 5000       | 100           | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Barium    | 9570           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Beryllium | 242            | 250        | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Cadmium   | 2480           | 2500       | 99            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Calcium   | 24300          | 25000      | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Chromium  | 992            | 1000       | 99            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Iron      | 4960           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Lead      | 4900           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24300          | 25000      | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Manganese | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Potassium | 24600          | 25000      | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Selenium  | 5010           | 5000       | 100           | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Silver    | 1220           | 1250       | 97            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Sodium    | 24400          | 25000      | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Thallium  | 4950           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Vanadium  | 2440           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
|           | Zinc      | 2450           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 17:44            | LB136779      |
| CCV03     | Aluminum  | 9610           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Antimony  | 4890           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Arsenic   | 4940           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Barium    | 9550           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Beryllium | 240            | 250        | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Cadmium   | 2450           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Calcium   | 24100          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Chromium  | 977            | 1000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Cobalt    | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Iron      | 4910           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Lead      | 4850           | 5000       | 97            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Manganese | 2410           | 2500       | 96            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Nickel    | 2450           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Potassium | 24300          | 25000      | 97            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Selenium  | 4910           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Silver    | 1210           | 1250       | 97            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Sodium    | 23300          | 25000      | 93            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Thallium  | 4520           | 5000       | 90            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
| CCV04     | Vanadium  | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Zinc      | 2450           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 18:26            | LB136779      |
|           | Aluminum  | 9620           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Antimony  | 4870           | 5000       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4890           | 5000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Barium    | 9590           | 10000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Beryllium | 239            | 250        | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Cadmium   | 2420           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Calcium   | 24200          | 25000      | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Chromium  | 979            | 1000       | 98            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Cobalt    | 2420           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Copper    | 1230           | 1250       | 98            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Iron      | 4970           | 5000       | 99            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Lead      | 4810           | 5000       | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Manganese | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Nickel    | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Potassium | 24500          | 25000      | 98            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Selenium  | 4870           | 5000       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Silver    | 1210           | 1250       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Sodium    | 24100          | 25000      | 96            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Thallium  | 4650           | 5000       | 93            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Vanadium  | 2430           | 2500       | 97            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 08/11/2025       | 18:59            | LB136779      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder  
Contract: POWE02  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2807  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |



# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder

SDG No.: Q2807

Contract: POWE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder  
Contract: POWE02  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2807  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder  
Contract: POWE02  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2807  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder  
Contract: POWE02  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2807  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 2b -

**CRDL STANDARD FOR AA & ICP**

|                                       |                    |                  |              |
|---------------------------------------|--------------------|------------------|--------------|
| <b>Client:</b>                        | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q2807</u> |
| <b>Contract:</b>                      | <u>POWE02</u>      | <b>Lab Code:</b> | <u>ACE</u>   |
| <b>Initial Calibration Source:</b>    | <u></u>            |                  |              |
| <b>Continuing Calibration Source:</b> | <u></u>            |                  |              |

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury   | 0.21           | 0.2                | 104           | 70 - 130                  | CV | 08/11/2025       | 11:11            | LB136768      |
| <b>CRI01</b> | 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      |
| <b>CRI01</b> | Aluminum  | 93.2           | 100                | 93            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Antimony  | 49.4           | 50.0               | 99            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Arsenic   | 18.2           | 20.0               | 91            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Barium    | 92.4           | 100                | 92            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Beryllium | 5.96           | 6.0                | 99            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Cadmium   | 5.55           | 6.0                | 92            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Calcium   | 1990           | 2000               | 99            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Chromium  | 9.63           | 10.0               | 96            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Cobalt    | 29.0           | 30.0               | 96            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Copper    | 20.7           | 20.0               | 103           | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Iron      | 83.7           | 100                | 84            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |
|              | Lead      | 11.4           | 12.0               | 95            | 65 - 135                  | P  | 08/11/2025       | 16:58            | LB136779      |

**Metals**  
**- 2b -**  
**CRDL STANDARD FOR AA & ICP**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE  
**Initial Calibration Source:** \_\_\_\_\_  
**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI01     | Magnesium | 2070           | 2000               | 104           | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Manganese | 21.0           | 20.0               | 105           | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Nickel    | 39.0           | 40.0               | 98            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Potassium | 1850           | 2000               | 92            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Selenium  | 21.7           | 20.0               | 108           | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Silver    | 9.65           | 10.0               | 96            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Sodium    | 1780           | 2000               | 89            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Thallium  | 38.3           | 40.0               | 96            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Vanadium  | 36.1           | 40.0               | 90            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
|           | Zinc      | 39.4           | 40.0               | 99            | 65 - 135                  | P | 08/11/2025       | 16:58            | LB136779      |
| 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      |
|           | 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      |



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

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

|                  |                    |                  |              |
|------------------|--------------------|------------------|--------------|
| <b>Client:</b>   | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q2807</u> |
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>ACE</u>   |

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



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q2807  
Contract: POWE02 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q2807  
Contract: POWE02 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q2807  
Contract: POWE02 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 08/11/2025       | 16:54            | LB136779      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 08/11/2025       | 16:54            | LB136779      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 08/11/2025       | 16:54            | LB136779      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 08/11/2025       | 16:54            | LB136779      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 08/11/2025       | 16:54            | LB136779      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 08/11/2025       | 17:23            | LB136779      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 08/11/2025       | 17:23            | LB136779      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 08/11/2025       | 17:23            | LB136779      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:23            | LB136779      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:23            | LB136779      |
| CCB02     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 08/11/2025       | 17:48            | LB136779      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 08/11/2025       | 17:48            | LB136779      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 08/11/2025       | 17:48            | LB136779      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 08/11/2025       | 17:48            | LB136779      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q2807  
Contract: POWE02 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB02     | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:48            | LB136779      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 08/11/2025       | 17:48            | LB136779      |
| CCB03     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 08/11/2025       | 18:30            | LB136779      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 08/11/2025       | 18:30            | LB136779      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 08/11/2025       | 18:30            | LB136779      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 08/11/2025       | 18:30            | LB136779      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 08/11/2025       | 18:30            | LB136779      |
| CCB04     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 08/11/2025       | 19:03            | LB136779      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 08/11/2025       | 19:03            | LB136779      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 08/11/2025       | 19:03            | LB136779      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 08/11/2025       | 19:03            | LB136779      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 08/11/2025       | 19:03            | LB136779      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 08/11/2025       | 19:03            | LB136779      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder SDG No.: Q2807  
Contract: POWE02 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**Contract:** POWE02 **Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Instrument:** CV1

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

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB169181BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB169181</b> |   | <b>Prep Date:</b> | <b>08/08/2025</b> |          |
|                   | 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 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q2807</u>    |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>     | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>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      |



**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q2807</u>    |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>     | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>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  | 238000         | 255000             | 93            | 216000                 | 294000                  | 08/11/2025       | 17:02            | LB136779      |
|           | Antimony  | -2.61          |                    |               | -50                    | 50                      | 08/11/2025       | 17:02            | LB136779      |
|           | Arsenic   | 9.96           |                    |               | -20                    | 20                      | 08/11/2025       | 17:02            | LB136779      |
|           | Barium    | -1.52          | 6.0                | 25            | -94                    | 106                     | 08/11/2025       | 17:02            | LB136779      |
|           | Beryllium | 1.29           |                    |               | -6                     | 6                       | 08/11/2025       | 17:02            | LB136779      |
|           | Cadmium   | 1.92           | 1.0                | 192           | -5                     | 7                       | 08/11/2025       | 17:02            | LB136779      |
|           | Calcium   | 227000         | 245000             | 93            | 208000                 | 282000                  | 08/11/2025       | 17:02            | LB136779      |
|           | Chromium  | 56.8           | 52.0               | 109           | 42                     | 62                      | 08/11/2025       | 17:02            | LB136779      |
|           | Cobalt    | 1.70           |                    |               | -30                    | 30                      | 08/11/2025       | 17:02            | LB136779      |
|           | Copper    | -0.68          | 2.0                | 34            | -18                    | 22                      | 08/11/2025       | 17:02            | LB136779      |
|           | Iron      | 97400          | 101000             | 96            | 85600                  | 116500                  | 08/11/2025       | 17:02            | LB136779      |
|           | Lead      | -6.75          |                    |               | -12                    | 12                      | 08/11/2025       | 17:02            | LB136779      |
|           | Magnesium | 240000         | 255000             | 94            | 216000                 | 294000                  | 08/11/2025       | 17:02            | LB136779      |
|           | Manganese | 9.13           | 7.0                | 130           | -13                    | 27                      | 08/11/2025       | 17:02            | LB136779      |
|           | Nickel    | 5.25           | 2.0                | 262           | -38                    | 42                      | 08/11/2025       | 17:02            | LB136779      |
|           | Potassium | 92.3           |                    |               | 0                      | 0                       | 08/11/2025       | 17:02            | LB136779      |
|           | Selenium  | 5.19           |                    |               | -20                    | 20                      | 08/11/2025       | 17:02            | LB136779      |
|           | Silver    | 1.77           |                    |               | -10                    | 10                      | 08/11/2025       | 17:02            | LB136779      |
|           | Sodium    | 103            |                    |               | 0                      | 0                       | 08/11/2025       | 17:02            | LB136779      |
|           | Thallium  | 3.34           |                    |               | -40                    | 40                      | 08/11/2025       | 17:02            | LB136779      |
|           | Vanadium  | 2.15           |                    |               | -40                    | 40                      | 08/11/2025       | 17:02            | LB136779      |
|           | Zinc      | 2.14           |                    |               | -40                    | 40                      | 08/11/2025       | 17:02            | LB136779      |
| ICSAB01   | Aluminum  | 236000         | 247000             | 96            | 209000                 | 285000                  | 08/11/2025       | 17:06            | LB136779      |
|           | Antimony  | 579            | 618                | 94            | 525                    | 711                     | 08/11/2025       | 17:06            | LB136779      |
|           | Arsenic   | 103            | 104                | 99            | 88.4                   | 120                     | 08/11/2025       | 17:06            | LB136779      |
|           | Barium    | 464            | 537                | 86            | 437                    | 637                     | 08/11/2025       | 17:06            | LB136779      |
|           | Beryllium | 464            | 495                | 94            | 420                    | 570                     | 08/11/2025       | 17:06            | LB136779      |
|           | Cadmium   | 945            | 972                | 97            | 826                    | 1120                    | 08/11/2025       | 17:06            | LB136779      |
|           | Calcium   | 225000         | 235000             | 96            | 199000                 | 271000                  | 08/11/2025       | 17:06            | LB136779      |
|           | Chromium  | 534            | 542                | 98            | 460                    | 624                     | 08/11/2025       | 17:06            | LB136779      |
|           | Cobalt    | 477            | 476                | 100           | 404                    | 548                     | 08/11/2025       | 17:06            | LB136779      |
|           | Copper    | 463            | 511                | 91            | 434                    | 588                     | 08/11/2025       | 17:06            | LB136779      |
|           | Iron      | 97900          | 99300              | 99            | 84400                  | 114500                  | 08/11/2025       | 17:06            | LB136779      |
|           | Lead      | 38.9           | 49.0               | 79            | 37                     | 61                      | 08/11/2025       | 17:06            | LB136779      |
|           | Magnesium | 238000         | 248000             | 96            | 210000                 | 286000                  | 08/11/2025       | 17:06            | LB136779      |
|           | Manganese | 471            | 507                | 93            | 430                    | 584                     | 08/11/2025       | 17:06            | LB136779      |
|           | Nickel    | 949            | 954                | 100           | 810                    | 1100                    | 08/11/2025       | 17:06            | LB136779      |
|           | Potassium | -10.3          |                    |               | 0                      | 0                       | 08/11/2025       | 17:06            | LB136779      |
|           | Selenium  | 51.2           | 46.0               | 111           | 26                     | 66                      | 08/11/2025       | 17:06            | LB136779      |
|           | Silver    | 207            | 201                | 103           | 170                    | 232                     | 08/11/2025       | 17:06            | LB136779      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q2807</u>    |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>     | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Sodium    | 45.7           |                    |               | 0                      | 0                       | 08/11/2025       | 17:06            | LB136779      |
|           | Thallium  | 108            | 108                | 100           | 68                     | 148                     | 08/11/2025       | 17:06            | LB136779      |
|           | Vanadium  | 458            | 491                | 93            | 417                    | 565                     | 08/11/2025       | 17:06            | LB136779      |
|           | Zinc      | 987            | 952                | 104           | 809                    | 1095                    | 08/11/2025       | 17:06            | LB136779      |
| 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      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q2807</u>    |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>     | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | 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      |
|           | 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

A

B

C

D

E

F

G

H

metals  
- 5a -  
**MATRIX SPIKE SUMMARY**

|                                        |                                   |                                              |
|----------------------------------------|-----------------------------------|----------------------------------------------|
| <b>client:</b> <u>Kleinfelder</u>      | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q2807</u>                 |
| <b>contract:</b> <u>POWE02</u>         |                                   | <b>lab code:</b> <u>ACE</u>                  |
| <b>matrix:</b> <u>Solid</u>            | <b>sample id:</b> <u>Q2793-01</u> | <b>client id:</b> <u>VNJ-231MS</u>           |
| <b>Percent Solids for Sample:</b> 92.7 | <b>Spiked ID:</b> Q2793-01MS      | <b>Percent Solids for Spike Sample:</b> 92.7 |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>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 |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

|                                        |                                   |                                              |
|----------------------------------------|-----------------------------------|----------------------------------------------|
| <b>client:</b> <u>Kleinfelder</u>      | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q2807</u>                 |
| <b>contract:</b> <u>POWE02</u>         |                                   | <b>lab code:</b> <u>ACE</u>                  |
| <b>matrix:</b> <u>Solid</u>            | <b>sample id:</b> <u>Q2793-01</u> | <b>client id:</b> <u>VNJ-231MSD</u>          |
| <b>Percent Solids for Sample:</b> 92.7 | <b>Spiked ID:</b> Q2793-01MSD     | <b>Percent Solids for Spike Sample:</b> 92.7 |

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>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 |

metals  
- 5a -  
MATRIX SPIKE SUMMARY

|           |             |            |          |            |          |
|-----------|-------------|------------|----------|------------|----------|
| client:   | Kleinfelder | level:     | low      | sdg no.:   | Q2807    |
| 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<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 2.00             | D | 2.26             | D | 0.32           | -80           |      | CV |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

|                                   |                    |                   |                 |                                         |                  |
|-----------------------------------|--------------------|-------------------|-----------------|-----------------------------------------|------------------|
| <b>client:</b>                    | <u>Kleinfelder</u> | <b>level:</b>     | <u>low</u>      | <b>sdg no.:</b>                         | <u>Q2807</u>     |
| <b>contract:</b>                  | <u>POWE02</u>      |                   |                 | <b>lab code:</b>                        | <u>ACE</u>       |
| <b>matrix:</b>                    | <u>Solid</u>       | <b>sample id:</b> | <u>Q2807-03</u> | <b>client id:</b>                       | <u>COMP-6MSD</u> |
| <b>Percent Solids for Sample:</b> | 83.6               | <b>Spiked ID:</b> | Q2807-03MSD     | <b>Percent Solids for Spike Sample:</b> | 83.6             |

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



**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q2807</u>       |                                   |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>ACE</u>        |                                   |
| <b>Matrix:</b> <u>Solid</u>       | <b>Level:</b> <u>LOW</u>           | <b>Client ID:</b> <u>VNJ-231A</u> |
| <b>Sample ID:</b> <u>Q2793-01</u> | <b>Spiked ID:</b> <u>Q2793-01A</u> |                                   |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>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 |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Kleinfelder **Level:** LOW **SDG No.:** Q2807  
**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  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                   |                                         |                   |
|-----------------------------------|--------------------|---------------------|-------------------|-----------------------------------------|-------------------|
| <b>Client:</b>                    | <u>Kleinfelder</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q2807</u>      |
| <b>Contract:</b>                  | <u>POWE02</u>      |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>        |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q2793-01MS</u> | <b>Client ID:</b>                       | <u>VNJ-231MSD</u> |
| <b>Percent Solids for Sample:</b> | 92.7               | <b>Duplicate ID</b> | Q2793-01MSD       | <b>Percent Solids for Spike Sample:</b> | 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  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                 |                                         |                  |
|-----------------------------------|--------------------|---------------------|-----------------|-----------------------------------------|------------------|
| <b>Client:</b>                    | <u>Kleinfelder</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q2807</u>     |
| <b>Contract:</b>                  | <u>POWE02</u>      |                     |                 | <b>Lab Code:</b>                        | <u>ACE</u>       |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q2807-03</u> | <b>Client ID:</b>                       | <u>COMP-6DUP</u> |
| <b>Percent Solids for Sample:</b> | 83.6               | <b>Duplicate ID</b> | Q2807-03DUP     | <b>Percent Solids for Spike Sample:</b> | 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  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                        |                                     |                                              |
|----------------------------------------|-------------------------------------|----------------------------------------------|
| <b>Client:</b> <u>Kleinfelder</u>      | <b>Level:</b> <u>LOW</u>            | <b>SDG No.:</b> <u>Q2807</u>                 |
| <b>Contract:</b> <u>POWE02</u>         |                                     | <b>Lab Code:</b> <u>ACE</u>                  |
| <b>Matrix:</b> <u>Solid</u>            | <b>Sample ID:</b> <u>Q2807-03MS</u> | <b>Client ID:</b> <u>COMP-6MSD</u>           |
| <b>Percent Solids for Sample:</b> 83.6 | <b>Duplicate ID</b> Q2807-03MSD     | <b>Percent Solids for Spike Sample:</b> 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  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

|                  |                    |                  |              |
|------------------|--------------------|------------------|--------------|
| <b>Client:</b>   | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q2807</u> |
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>ACE</u>   |

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

# Metals

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## LABORATORY CONTROL SAMPLE SUMMARY

|                  |                    |                  |              |
|------------------|--------------------|------------------|--------------|
| <b>Client:</b>   | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q2807</u> |
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>ACE</u>   |

| 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 |

**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.:** Q2807  
**Matrix (soil/water):** Solid **Level (low/med):** LOW  
**Concentration Units:** mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-ence |  | 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 |



**Metals**

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**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.:** Q2807

**Matrix (soil/water):** Solid

**Level (low/med):** LOW

**Concentration Units:** mg/Kg

| Analyte | Initial Sample<br>Result (I) | Serial Dilution<br>Result (S) | % Differ-<br>ence | Q | M  |
|---------|------------------------------|-------------------------------|-------------------|---|----|
| Mercury | 1.27 OR                      | 0.42                          | 67                |   | CV |



# METAL PREPARATION & INSTRUMENT DATA

A

B

C

D

E

F

G

H

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(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 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(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  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(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  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(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 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q2807

**Contract:** POWE02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(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



**Metals**  
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**SAMPLE PREPARATION SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**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 |
|-------------------------------|------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB169179</b> |            |             |        |            |                        |                          |                |
| 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         |
| Q2807-01                      | COMP-4     | SAM         | SOLID  | 08/08/2025 | 0.57                   | 35.0                     | 83.10          |
| Q2807-02                      | COMP-5     | SAM         | SOLID  | 08/08/2025 | 0.58                   | 35.0                     | 84.50          |
| Q2807-03                      | COMP-6     | SAM         | SOLID  | 08/08/2025 | 0.53                   | 35.0                     | 83.60          |
| 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          |

**Metals**  
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**SAMPLE PREPARATION SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q2807  
**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 |
|-------------------------------|------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB169181</b> |            |             |        |            |                        |                          |                |
| 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          |
| Q2807-01                      | COMP-4     | SAM         | SOLID  | 08/08/2025 | 2.26                   | 100.0                    | 83.10          |
| Q2807-02                      | COMP-5     | SAM         | SOLID  | 08/08/2025 | 2.42                   | 100.0                    | 84.50          |
| Q2807-03                      | COMP-6     | SAM         | SOLID  | 08/08/2025 | 2.37                   | 100.0                    | 83.60          |

**metals**  
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**ANALYSIS RUN LOG**

**Client:** Kleinfelder

**Contract:** POWE02

**Lab code:** ACE

**Sdg no.:** Q2807

**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             |
| Q2807-01       | COMP-4           | 10  | 1325 | HG             |
| CCV18          | CCV18            | 1   | 1332 | HG             |
| CCB18          | CCB18            | 1   | 1334 | HG             |
| Q2807-02       | COMP-5           | 10  | 1337 | HG             |
| Q2807-03       | COMP-6           | 10  | 1339 | 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             |

A

B

C

D

E

F

G

H

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Kleinfelder

**Contract:** POWE02

**Lab code:** ACE

**Sdg no.:** Q2807

**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                                     |
| 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 |

A

B

C

D

E

F

G

H

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Kleinfelder

**Contract:** POWE02

**Lab code:** ACE

**Sdg no.:** Q2807

**Instrument id number:** \_\_\_\_\_

**Method:** \_\_\_\_\_

**Run number:** LB136779

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

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

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1619 | 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   | 1623 | 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   | 1627 | 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   | 1631 | 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   | 1636 | 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   | 1640 | 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   | 1644 | 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   | 1649 | 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   | 1654 | 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   | 1658 | 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   | 1702 | 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   | 1706 | 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   | 1719 | 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   | 1723 | 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   | 1744 | 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   | 1748 | 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   | 1826 | 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   | 1830 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2807-01       | COMP-4           | 1   | 1842 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2807-02       | COMP-5           | 1   | 1847 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2807-03       | COMP-6           | 1   | 1851 | 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   | 1859 | 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   | 1903 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Kleinfelder

**Contract:** POWE02

**Lab code:** ACE

**Sdg no.:** Q2807

**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 |

## LAB CHRONICLE

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

| LabID           | ClientID      | Matrix      | Test                | Method     | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|---------------|-------------|---------------------|------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q2807-01</b> | <b>COMP-4</b> | <b>SOIL</b> |                     |            | <b>08/07/25<br/>09:00</b> |           |                   | <b>08/08/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 08/11/25  | 08/12/25<br>10:08 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 08/08/25<br>11:49 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 08/11/25  | 08/11/25<br>14:05 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 08/11/25<br>18:42 |                 |
| <b>Q2807-02</b> | <b>COMP-5</b> | <b>SOIL</b> |                     |            | <b>08/07/25<br/>09:50</b> |           |                   | <b>08/08/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 08/11/25  | 08/12/25<br>10:08 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 08/08/25<br>13:39 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 08/11/25  | 08/11/25<br>14:06 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 08/11/25<br>18:47 |                 |
| <b>Q2807-03</b> | <b>COMP-6</b> | <b>SOIL</b> |                     |            | <b>08/07/25<br/>10:30</b> |           |                   | <b>08/08/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 08/11/25  | 08/12/25<br>10:08 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 08/08/25<br>14:00 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 08/11/25  | 08/11/25<br>14:07 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 08/11/25<br>18:51 |                 |



# SAMPLE DATA



## Report of Analysis

|                   |                    |                 |                |
|-------------------|--------------------|-----------------|----------------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 09:00 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25       |
| Client Sample ID: | COMP-4             | SDG No.:        | Q2807          |
| Lab Sample ID:    | Q2807-01           | Matrix:         | SOIL           |
|                   |                    | % Solid:        | 83.1           |

| 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 10:08 | SM 4500-NH3<br>B plus G-21 |
| Chloride            | 50.5  |      | 1  | 4.20  | 14.4       | mg/Kg             |                | 08/08/25 11:49 | 9056A                      |
| Fluoride            | 9.80  |      | 1  | 2.10  | 9.60       | mg/Kg             |                | 08/08/25 11:49 | 9056A                      |
| Sulfate             | 19.0  | J    | 1  | 10.5  | 71.9       | mg/Kg             |                | 08/08/25 11:49 | 9056A                      |
| Hexavalent Chromium | 0.082 | U    | 1  | 0.082 | 0.47       | mg/Kg             | 08/11/25 09:15 | 08/11/25 14:05 | 7196A                      |
| Trivalent Chromium  | 18.5  |      | 1  | 0.60  | 0.60       | mg/Kg             |                | 08/11/25 18:42 | 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

## Report of Analysis

|                   |                    |                 |                |
|-------------------|--------------------|-----------------|----------------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 09:50 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25       |
| Client Sample ID: | COMP-5             | SDG No.:        | Q2807          |
| Lab Sample ID:    | Q2807-02           | Matrix:         | SOIL           |
|                   |                    | % Solid:        | 84.5           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met.                   |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------------------------|
| Ammonia as N        | 2.50  | U    | 1  | 2.50  | 5.70       | mg/Kg             | 08/11/25 12:00 | 08/12/25 10:08 | SM 4500-NH3<br>B plus G-21 |
| Chloride            | 12.2  | J    | 1  | 4.10  | 14.2       | mg/Kg             |                | 08/08/25 13:39 | 9056A                      |
| Fluoride            | 5.40  | J    | 1  | 2.10  | 9.40       | mg/Kg             |                | 08/08/25 13:39 | 9056A                      |
| Sulfate             | 19.2  | J    | 1  | 10.4  | 70.9       | mg/Kg             |                | 08/08/25 13:39 | 9056A                      |
| Hexavalent Chromium | 0.083 | U    | 1  | 0.083 | 0.47       | mg/Kg             | 08/11/25 09:15 | 08/11/25 14:06 | 7196A                      |
| Trivalent Chromium  | 12.6  |      | 1  | 0.59  | 0.59       | mg/Kg             |                | 08/11/25 18:47 | 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

## Report of Analysis

|                   |                    |                 |                |
|-------------------|--------------------|-----------------|----------------|
| Client:           | Kleinfelder        | Date Collected: | 08/07/25 10:30 |
| Project:          | Girard School - PA | Date Received:  | 08/08/25       |
| Client Sample ID: | COMP-6             | SDG No.:        | Q2807          |
| Lab Sample ID:    | Q2807-03           | Matrix:         | SOIL           |
|                   |                    | % Solid:        | 83.6           |

| 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  | 5.80       | mg/Kg             | 08/11/25 12:00 | 08/12/25 10:08 | SM 4500-NH3<br>B plus G-21 |
| Chloride            | 163   |      | 1  | 4.20  | 14.4       | mg/Kg             |                | 08/08/25 14:00 | 9056A                      |
| Fluoride            | 9.80  |      | 1  | 2.10  | 9.60       | mg/Kg             |                | 08/08/25 14:00 | 9056A                      |
| Sulfate             | 24.9  | J    | 1  | 10.5  | 71.8       | mg/Kg             |                | 08/08/25 14:00 | 9056A                      |
| Hexavalent Chromium | 0.081 | U    | 1  | 0.081 | 0.47       | mg/Kg             | 08/11/25 09:15 | 08/11/25 14:07 | 7196A                      |
| Trivalent Chromium  | 16.3  |      | 1  | 0.60  | 0.60       | mg/Kg             |                | 08/11/25 18:51 | 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

## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136749

| Analyte                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------|-------|--------|------------|------------|------------------------|---------------|
| <b>Sample ID: ICV1</b> |       |        |            |            |                        |               |
| 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    |
| <b>Sample ID: CCV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.1   | 10         | 101        | 90-110                 | 08/08/2025    |
| Chloride               | mg/L  | 3      | 3          | 100        | 90-110                 | 08/08/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 08/08/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 08/08/2025    |
| Nitrate                | mg/L  | 2.5    | 2.5        | 100        | 90-110                 | 08/08/2025    |
| Sulfate                | mg/L  | 15     | 15         | 100        | 90-110                 | 08/08/2025    |
| Orthophosphate as P    | mg/L  | 5.1    | 5          | 102        | 90-110                 | 08/08/2025    |
| <b>Sample ID: CCV2</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.1   | 10         | 101        | 90-110                 | 08/08/2025    |
| Chloride               | mg/L  | 3      | 3          | 100        | 90-110                 | 08/08/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 08/08/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 08/08/2025    |
| Nitrate                | mg/L  | 2.5    | 2.5        | 100        | 90-110                 | 08/08/2025    |
| Sulfate                | mg/L  | 14.9   | 15         | 99         | 90-110                 | 08/08/2025    |
| Orthophosphate as P    | mg/L  | 4.9    | 5          | 98         | 90-110                 | 08/08/2025    |

## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136775

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

## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136784

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

## Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136749

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



### Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136775

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

## Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**RunNo.:** LB136784

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

## Preparation Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

| Analyte                       | Units | Result    | Acceptance Limits | Conc Qual | MDL  | RDL | Analysis Date |
|-------------------------------|-------|-----------|-------------------|-----------|------|-----|---------------|
| <b>Sample ID: LB136749BLS</b> |       |           |                   |           |      |     |               |
| Bromide                       | mg/Kg | < 20.0000 | 20.0000           | U         | 7    | 40  | 08/08/2025    |
| Chloride                      | mg/Kg | < 6.0000  | 6.0000            | U         | 3.5  | 12  | 08/08/2025    |
| Fluoride                      | mg/Kg | < 4.0000  | 4.0000            | U         | 1.8  | 8   | 08/08/2025    |
| Nitrite                       | mg/Kg | < 6.0000  | 6.0000            | U         | 1.5  | 12  | 08/08/2025    |
| Nitrate                       | mg/Kg | < 5.0000  | 5.0000            | U         | 1.8  | 10  | 08/08/2025    |
| Sulfate                       | mg/Kg | < 30.0000 | 30.0000           | U         | 8.8  | 60  | 08/08/2025    |
| Orthophosphate as P           | mg/Kg | < 10.0000 | 10.0000           | U         | 6.7  | 20  | 08/08/2025    |
| <b>Sample ID: PB169184BL</b>  |       |           |                   |           |      |     |               |
| Hexavalent Chromium           | mg/Kg | < 0.2000  | 0.2000            | U         | 0.07 | 0.4 | 08/11/2025    |
| <b>Sample ID: PB169198BL</b>  |       |           |                   |           |      |     |               |
| Ammonia as N                  | mg/Kg | < 2.5000  | 2.5000            | U         | 2.2  | 5   | 08/12/2025    |

Matrix Spike Summary

Client:

Kleinfelder

Project:

Girard School - PA

Client ID:

COMP-1MS

SDG No.:

Q2807

Sample ID:

Q2795-01

Percent Solids for Spike Sample:

82.5

| Analyte      | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|--------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N | mg/Kg | 75-125                 | 55.3             |                    | 2.60             | U                  | 58.3           | 1                  | 95       |      | 08/12/2025       |

## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1MS           | <b>Percent Solids for Spike Sample:</b> | 82.5     |

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

## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1MS           | <b>Percent Solids for Spike Sample:</b> | 82.5     |

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

## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1MSD          | <b>Percent Solids for Spike Sample:</b> | 82.5     |

| Analyte      | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|--------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N | mg/Kg | 75-125                 | 56.0             |                    | 2.60             | U                  | 59.4           | 1                  | 94       |      | 08/12/2025       |

## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1MS           | <b>Percent Solids for Spike Sample:</b> | 82.5     |

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



## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2807-01 |
| <b>Client ID:</b> | COMP-4MS           | <b>Percent Solids for Spike Sample:</b> | 83.1     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/Kg | 80-120                 | 248              |                    | 8.40             | U                  | 240            | 1                  | 103      |      | 08/08/2025       |
| Chloride            | mg/Kg | 80-120                 | 122              |                    | 50.5             |                    | 72.1           | 1                  | 99       |      | 08/08/2025       |
| Fluoride            | mg/Kg | 80-120                 | 47.7             |                    | 9.80             |                    | 48             | 1                  | 79       | *    | 08/08/2025       |
| Nitrite             | mg/Kg | 80-120                 | 73.7             |                    | 1.80             | U                  | 72.1           | 1                  | 102      |      | 08/08/2025       |
| Nitrate             | mg/Kg | 80-120                 | 62.6             |                    | 2.20             | U                  | 60             | 1                  | 104      |      | 08/08/2025       |
| Sulfate             | mg/Kg | 80-120                 | 375              |                    | 19.0             | J                  | 360            | 1                  | 99       |      | 08/08/2025       |
| Orthophosphate as P | mg/Kg | 80-120                 | 95.5             |                    | 8.00             | U                  | 120            | 1                  | 80       | *    | 08/08/2025       |

## Matrix Spike Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2807-01 |
| <b>Client ID:</b> | COMP-4MSD          | <b>Percent Solids for Spike Sample:</b> | 83.1     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/Kg | 80-120                 | 247              |                    | 8.40             | U                  | 240            | 1                  | 103      |      | 08/08/2025       |
| Chloride            | mg/Kg | 80-120                 | 121              |                    | 50.5             |                    | 71.8           | 1                  | 98       |      | 08/08/2025       |
| Fluoride            | mg/Kg | 80-120                 | 47.2             |                    | 9.80             |                    | 47.8           | 1                  | 78       | *    | 08/08/2025       |
| Nitrite             | mg/Kg | 80-120                 | 73.5             |                    | 1.80             | U                  | 71.8           | 1                  | 102      |      | 08/08/2025       |
| Nitrate             | mg/Kg | 80-120                 | 62.3             |                    | 2.20             | U                  | 59.8           | 1                  | 104      |      | 08/08/2025       |
| Sulfate             | mg/Kg | 80-120                 | 373              |                    | 19.0             | J                  | 360            | 1                  | 98       |      | 08/08/2025       |
| Orthophosphate as P | mg/Kg | 80-120                 | 92.0             |                    | 8.00             | U                  | 120            | 1                  | 77       | *    | 08/08/2025       |

## Duplicate Sample Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1DUP          | <b>Percent Solids for Spike Sample:</b> | 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    |

Duplicate Sample Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2795-01 |
| <b>Client ID:</b> | COMP-1MSD          | <b>Percent Solids for Spike Sample:</b> | 82.5     |

| Analyte      | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|--------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Ammonia as N | mg/Kg | +/-20            | 55.3          |                 | 56.0             |                 | 1               | 1      |      | 08/12/2025    |

## Duplicate Sample Summary

|                   |                    |                                         |          |
|-------------------|--------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder        | <b>SDG No.:</b>                         | Q2807    |
| <b>Project:</b>   | Girard School - PA | <b>Sample ID:</b>                       | Q2807-01 |
| <b>Client ID:</b> | COMP-4MSD          | <b>Percent Solids for Spike Sample:</b> | 83.1     |

| Analyte             | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Bromide             | mg/Kg | +/-15            | 248           |                 | 247              |                 | 1               | 0      |      | 08/08/2025    |
| Nitrate             | mg/Kg | +/-15            | 62.6          |                 | 62.3             |                 | 1               | 0      |      | 08/08/2025    |
| Nitrite             | mg/Kg | +/-15            | 73.7          |                 | 73.5             |                 | 1               | 0      |      | 08/08/2025    |
| Chloride            | mg/Kg | +/-15            | 122           |                 | 121              |                 | 1               | 1      |      | 08/08/2025    |
| Fluoride            | mg/Kg | +/-15            | 47.7          |                 | 47.2             |                 | 1               | 1      |      | 08/08/2025    |
| Sulfate             | mg/Kg | +/-15            | 375           |                 | 373              |                 | 1               | 1      |      | 08/08/2025    |
| Orthophosphate as P | mg/Kg | +/-15            | 95.5          |                 | 92.0             |                 | 1               | 4      |      | 08/08/2025    |

## Laboratory Control Sample Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**Project:** Girard School - PA

**Run No.:** LB136749

| Analyte             | Units       | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|-------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID           | LB136749BSS |            |        |                 |            |                 |                     |               |
| Bromide             | mg/Kg       | 200        | 202    |                 | 101        | 1               | 90-110              | 08/08/2025    |
| Chloride            | mg/Kg       | 60         | 60.8   |                 | 101        | 1               | 90-110              | 08/08/2025    |
| Fluoride            | mg/Kg       | 40         | 40.5   |                 | 101        | 1               | 90-110              | 08/08/2025    |
| Nitrite             | mg/Kg       | 60         | 60.3   |                 | 100        | 1               | 90-110              | 08/08/2025    |
| Nitrate             | mg/Kg       | 50         | 50.3   |                 | 101        | 1               | 90-110              | 08/08/2025    |
| Sulfate             | mg/Kg       | 300        | 300    |                 | 100        | 1               | 90-110              | 08/08/2025    |
| Orthophosphate as P | mg/Kg       | 100        | 102    |                 | 102        | 1               | 90-110              | 08/08/2025    |

## Laboratory Control Sample Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**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    |

### Laboratory Control Sample Summary

**Client:** Kleinfelder

**SDG No.:** Q2807

**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

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING 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:

PROJECT NAME: **Girard School**  
PROJECT NO.: **2001558.001A** LOCATION: **Philadelphia**  
PROJECT MANAGER: **Mark Warchol**  
e-mail: **mwarchol@kleinfelder.com**  
PHONE: **484-883-3892** FAX:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE 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

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

PADEP Historic  
Clean Environment  
1 2 3 4 5 6 7 8 9

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | COMP-4                           | Soil             | ✓              |      | 8/7/25               | 9:00  | 4            | ✓             |   |   |   |   |   |   |   |   |          |
| 2.                       | COMP-5                           | ↓                | ↓              |      | ↓                    | 9:50  | ↓            | ↓             |   |   |   |   |   |   |   |   |          |
| 3.                       | COMP-6                           | ↓                | ↓              |      | ↓                    | 10:30 | ↓            | ↓             |   |   |   |   |   |   |   |   |          |
| 4.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 5.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 6.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 7.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |

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

|                                                   |                             |                                       |                                                                                                                                                                                                             |
|---------------------------------------------------|-----------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <b>[Signature]</b> | DATE/TIME:<br><b>8/7/25</b> | RECEIVED BY:<br>1. <b>[Signature]</b> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <b>32.2</b> °C                                  |
| RELINQUISHED BY SAMPLER:<br>2. <b>[Signature]</b> | DATE/TIME: <b>8/8/25</b>    | RECEIVED BY:<br>2. <b>[Signature]</b> | Comments: <b>If Cont 1</b>                                                                                                                                                                                  |
| RELINQUISHED BY SAMPLER:<br>3. <b>[Signature]</b> | DATE/TIME:                  | RECEIVED BY:<br>3. <b>[Signature]</b> | Page <b>1</b> of <b>1</b> CLIENT: <input type="checkbox"/> Hand Delivered <input checked="" type="checkbox"/> Other <b>FedEx</b> Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO |

### 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       |

## LOGIN REPORT/SAMPLE TRANSFER

|                                       |               |                                               |                                   |
|---------------------------------------|---------------|-----------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q2807               | <b>POWE02</b> | <b>Order Date :</b> 8/8/2025 10:01:00 AM      | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Kleinfelder      |               | <b>Project Name :</b> Girad School            | <b>Report Type :</b> Results+QC   |
| <b>Client Contact :</b> Mark Warchol  |               | <b>Receive DateTime :</b> 8/8/2025 9:37:00 AM | <b>EDD Type :</b> EXCEL NOCLEANUP |
| <b>Invoice Name :</b> Kleinfelder     |               | <b>Purchase Order :</b>                       | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Mark Warchol |               |                                               | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST         | TEST GROUP | METHOD | FAX DATE    | DUE DATES |
|----------|-----------|--------|-------------|-------------|--------------|------------|--------|-------------|-----------|
| Q2807-01 | COMP-4    | Solid  | 08/07/2025  | 09:00       |              |            |        |             |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260D  | 5 Bus. Days |           |
| Q2807-02 | COMP-5    | Solid  | 08/07/2025  | 09:50       |              |            |        |             |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260D  | 5 Bus. Days |           |
| Q2807-03 | COMP-6    | Solid  | 08/07/2025  | 10:30       |              |            |        |             |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260D  | 5 Bus. Days |           |

Relinquished By :

Date / Time : 8/8/25 10:18

Received By :

Date / Time : 08/08/25 10:18

Storage Area : VOA Refridgerator Room