

## **DATA PACKAGE**

GENERAL CHEMISTRY  
METALS

**PROJECT NAME : WASTE WATER**

**DAL-TILE - DICKSON PLANT**  
**187 Warren G. | Medley Drive**

**Dickson, TN - 37055**

**Phone No: 214-309-4003**

**ORDER ID : Q3258**

**ATTENTION : MIchel Gil**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q3258

**Project ID :** Waste Water

**Client :** Dal-Tile - Dickson Plant

### Lab Sample Number

Q3258-01  
Q3258-04  
Q3258-05  
Q3258-06  
Q3258-08  
Q3258-09

### Client Sample Number

MONTHLY-CYANIDE  
ADDITIONAL-CYANIDE-3  
OIL-AND-GREASE  
COMPOSITE  
ADDITIONAL-CYANIDE-1  
ADDITIONAL-CYANIDE-2

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 2:37 pm, Oct 14, 2025*

Date: 10/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

### **Dal-Tile - Dickson Plant**

**Project Name: Waste Water**

**Project # N/A**

**Order ID # Q3258**

**Test Name: Mercury,Metal ICP-Group1Ammonia,BOD5,Cyanide,Hexavalent Chromium,Oil and Grease,Phosphorus-Total,TSS**

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

6 Water samples were received on 10/01/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Mercury,Metal ICP-Group1Ammonia,BOD5,Cyanide,Hexavalent Chromium,Oil and Grease,Phosphorus-Total,TSS. This data package contains results for Mercury(7470A), Metal ICP-Group1(6010D)Ammonia(SM4500-NH3),BOD5(SM5210 B), Cyanide(SM4500-CN C,E),Hexavalent Chromium(7196A),Oil and Grease(1664A), Phosphorus-Total(365.3),TSS(SM2540 D).

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

Mercury,Metals ICP-Group1 : The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Phosphorus-Total was based on method 365.3, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of TSS was based on method SM2540 D, The analysis of Cyanide was based on method SM4500-CN C,E, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of BOD5 was based on method SM5210 B.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all compounds.  
The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

Ammonia, BOD5, Cyanide, Hexavalent Chromium, Oil and Grease, Phosphorus-Total, TSS :  
As per method, aqueous sample for Hexavalent Chromium analysis should be filtered within 15 minutes of collection time. However, samples were not filtered as per requirement therefore Lab has filtered the samples in-house and analyzed within 24 hours from collection.

Due to limited volume DUP, MS and MSD were not performed for Hexavalent Chromium.

As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for Q3258 therefore Lab reported MS-MSD from Q3229

Due to low volume MS and MSD were not performed for PB170085 of Cyanide.

This package has been revised because Sample#08 and Sample#09 added for Cyanide.

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

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 2:37 pm, Oct 14, 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                                                                                                                                                                                                                                                                                                                                              |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3258

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: 10/10/2025

LAB CHRONICLE

|          |                          |            |                       |
|----------|--------------------------|------------|-----------------------|
| OrderID: | Q3258                    | OrderDate: | 10/1/2025 10:50:59 AM |
| Client:  | Dal-Tile - Dickson Plant | Project:   | Waste Water           |
| Contact: | Michel Gil               | Location:  | D31                   |

| LabID    | ClientID  | Matrix | Test              | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------|--------|-------------------|--------|-------------|-----------|-----------|----------|
| Q3258-06 | COMPOSITE | Water  | Mercury           | 7470A  | 09/30/25    | 10/02/25  | 10/03/25  | 10/01/25 |
|          |           |        | Metals ICP-Group1 | 6010D  |             | 10/02/25  | 10/03/25  |          |

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

**SDG No.:** Q3258

**Order ID:** Q3258

**Client:** Dal-Tile - Dickson Plant

**Project ID:** Waste Water

| Sample ID                    | Client ID | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|------------------------------|-----------|--------|-----------|---------------|---|-------|------|-------|
| <b>Client ID : COMPOSITE</b> |           |        |           |               |   |       |      |       |
| Q3258-06                     | COMPOSITE | Water  | Arsenic   | 57.2          |   | 2.56  | 10.0 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Chromium  | 10.8          |   | 1.06  | 5.00 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Copper    | 21.5          |   | 2.30  | 10.0 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Lead      | 1.17          | J | 1.15  | 6.00 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Mercury   | 2.85          |   | 0.076 | 0.20 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Nickel    | 13.1          | J | 1.53  | 20.0 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Selenium  | 748           |   | 4.82  | 10.0 | ug/L  |
| Q3258-06                     | COMPOSITE | Water  | Zinc      | 392           |   | 8.33  | 20.0 | ug/L  |



# SAMPLE DATA

## Report of Analysis

|                   |                          |                 |          |
|-------------------|--------------------------|-----------------|----------|
| Client:           | Dal-Tile - Dickson Plant | Date Collected: | 09/30/25 |
| Project:          | Waste Water              | Date Received:  | 10/01/25 |
| Client Sample ID: | COMPOSITE                | SDG No.:        | Q3258    |
| Lab Sample ID:    | Q3258-06                 | Matrix:         | Water    |
| Level (low/med):  | low                      | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7440-38-2 | Arsenic   | 57.2  |      | 1  | 2.56  | 10.0       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 0.25  | U    | 1  | 0.25  | 3.00       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 10.8  |      | 1  | 1.06  | 5.00       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 21.5  |      | 1  | 2.30  | 10.0       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 1.17  | J    | 1  | 1.15  | 6.00       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 2.85  |      | 1  | 0.076 | 0.20       | ug/L  | 10/02/25 14:20 | 10/03/25 11:57 | 7470A    |           |
| 7440-02-0 | Nickel    | 13.1  | J    | 1  | 1.53  | 20.0       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 748   |      | 1  | 4.82  | 10.0       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 392   |      | 1  | 8.33  | 20.0       | ug/L  | 10/02/25 10:20 | 10/03/25 15:29 | 6010D    | SW3010    |

Color Before: Colorless      Clarity Before: Clear      Texture:

Color After: Colorless      Clarity After: Clear      Artifacts:

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:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV58     | Mercury | 4.11           | 4.0        | 103           | 90 - 110                  | CV | 10/03/2025       | 11:12            | LB137412      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Dal-Tile - Dickson Plant  
**Contract:** DALT01  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

**SDG No.:** Q3258  
**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV80     | Mercury | 5.26           | 5.0        | 105           | 90 - 110                  | CV | 10/03/2025       | 11:16            | LB137412      |
| CCV81     | Mercury | 5.23           | 5.0        | 104           | 90 - 110                  | CV | 10/03/2025       | 11:50            | LB137412      |
| CCV82     | Mercury | 4.53           | 5.0        | 91            | 90 - 110                  | CV | 10/03/2025       | 12:35            | LB137412      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

|                                       |                                 |                  |              |
|---------------------------------------|---------------------------------|------------------|--------------|
| <b>Client:</b>                        | <u>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b>                      | <u>DALT01</u>                   | <b>Lab Code:</b> | <u>ACE</u>   |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>                      |                  |              |
| <b>Continuing Calibration Source:</b> | <u>Inorganic Ventures</u>       |                  |              |

| 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     | Arsenic  | 3940           | 4000       | 99            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Cadmium  | 1950           | 2000       | 98            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Chromium | 799            | 800        | 100           | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Copper   | 1010           | 1000       | 101           | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Lead     | 3840           | 4000       | 96            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Nickel   | 1960           | 2000       | 98            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Selenium | 3960           | 4000       | 99            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |
|           | Zinc     | 1980           | 2000       | 99            | 90 - 110                  | P | 10/03/2025       | 12:18            | LB137426      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

|                                       |                                 |                  |              |
|---------------------------------------|---------------------------------|------------------|--------------|
| <b>Client:</b>                        | <u>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b>                      | <u>DALT01</u>                   | <b>Lab Code:</b> | <u>ACE</u>   |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>                      |                  |              |
| <b>Continuing Calibration Source:</b> | <u>Inorganic Ventures</u>       |                  |              |

| 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   | Arsenic  | 22.0           | 20.0       | 110           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Cadmium  | 6.05           | 6.0        | 101           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Chromium | 10.4           | 10.0       | 104           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Copper   | 21.3           | 20.0       | 107           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Lead     | 12.8           | 12.0       | 107           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Nickel   | 41.3           | 40.0       | 103           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Selenium | 19.3           | 20.0       | 96            | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |
|           | Zinc     | 42.4           | 40.0       | 106           | 80 - 120                  | P | 10/03/2025       | 13:05            | LB137426      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Dal-Tile - Dickson Plant  
**Contract:** DALT01  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3258  
**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 |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 5030           | 5000       | 100           | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Cadmium  | 2490           | 2500       | 100           | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Chromium | 989            | 1000       | 99            | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Copper   | 1260           | 1250       | 101           | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Lead     | 4940           | 5000       | 99            | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Nickel   | 2490           | 2500       | 100           | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Selenium | 5050           | 5000       | 101           | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
|           | Zinc     | 2480           | 2500       | 99            | 90 - 110                  | P | 10/03/2025       | 13:37            | LB137426      |
| CCV02     | Arsenic  | 4990           | 5000       | 100           | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Cadmium  | 2460           | 2500       | 98            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Chromium | 984            | 1000       | 98            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Copper   | 1240           | 1250       | 99            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Lead     | 4890           | 5000       | 98            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Nickel   | 2450           | 2500       | 98            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Selenium | 5040           | 5000       | 101           | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
|           | Zinc     | 2450           | 2500       | 98            | 90 - 110                  | P | 10/03/2025       | 15:00            | LB137426      |
| CCV03     | Arsenic  | 5080           | 5000       | 102           | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Chromium | 972            | 1000       | 97            | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Copper   | 1250           | 1250       | 100           | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Lead     | 4860           | 5000       | 97            | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Nickel   | 2450           | 2500       | 98            | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Selenium | 5170           | 5000       | 103           | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
|           | Zinc     | 2490           | 2500       | 100           | 90 - 110                  | P | 10/03/2025       | 15:51            | LB137426      |
| CCV04     | Arsenic  | 4930           | 5000       | 99            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Cadmium  | 2360           | 2500       | 94            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Chromium | 938            | 1000       | 94            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Copper   | 1210           | 1250       | 97            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Lead     | 4700           | 5000       | 94            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Nickel   | 2370           | 2500       | 95            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Selenium | 5060           | 5000       | 101           | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |
|           | Zinc     | 2420           | 2500       | 97            | 90 - 110                  | P | 10/03/2025       | 16:45            | LB137426      |

**Metals**

**- 2b -**

**CRDL STANDARD FOR AA & ICP**

|                                       |                                 |                  |              |
|---------------------------------------|---------------------------------|------------------|--------------|
| <b>Client:</b>                        | <u>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b>                      | <u>DALT01</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  | 0.18           | 0.2                | 90            | 70 - 130                  | CV | 10/03/2025       | 11:21            | LB137412      |
| <b>CRI01</b> | Arsenic  | 21.4           | 20.0               | 107           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Cadmium  | 6.04           | 6.0                | 101           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Chromium | 9.90           | 10.0               | 99            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Copper   | 21.2           | 20.0               | 106           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Lead     | 10.2           | 12.0               | 85            | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Nickel   | 40.9           | 40.0               | 102           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Selenium | 21.2           | 20.0               | 106           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |
|              | Zinc     | 42.0           | 40.0               | 105           | 65 - 135                  | P  | 10/03/2025       | 13:16            | LB137426      |



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>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b> | <u>DALT01</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 |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB58     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/03/2025       | 11:14            | LB137412      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Dal-Tile - Dickson Plant **SDG No.:** Q3258  
**Contract:** DALT01 **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 |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB80     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/03/2025       | 11:18            | LB137412      |
| CCB81     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/03/2025       | 11:53            | LB137412      |
| CCB82     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 10/03/2025       | 12:40            | LB137412      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Dal-Tile - Dickson Plant **SDG No.:** Q3258  
**Contract:** DALT01 **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     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Copper   | 4.60           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Nickel   | 3.06           | +/-20               | U            | 40.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:12            | LB137426      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 10/03/2025       | 13:12            | LB137426      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile - Dickson Plant SDG No.: Q3258  
Contract: DALT01 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     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Copper   | 4.60           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Nickel   | 3.06           | +/-20               | U            | 40.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 10/03/2025       | 13:41            | LB137426      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 10/03/2025       | 13:41            | LB137426      |
| CCB02     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Copper   | 4.60           | +/-10               | U            | 20.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Nickel   | 3.06           | +/-20               | U            | 40.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 10/03/2025       | 15:04            | LB137426      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 10/03/2025       | 15:04            | LB137426      |
| CCB03     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Copper   | 4.60           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Nickel   | 3.06           | +/-20               | U            | 40.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:00            | LB137426      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 10/03/2025       | 16:00            | LB137426      |
| CCB04     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Copper   | 4.60           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Nickel   | 3.06           | +/-20               | U            | 40.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 10/03/2025       | 16:49            | LB137426      |
|           | Zinc     | 16.7           | +/-20               | U            | 40.0 | P | 10/03/2025       | 16:49            | LB137426      |

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

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB169961BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB169961</b> |    | <b>Prep Date:</b> | <b>10/02/2025</b> |          |
|                   | Mercury | 0.076            | <0.2                | U                    | 0.20            | CV | 10/03/2025        | 11:34             | LB137412 |

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

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB169958BL</b> | <b>WATER</b> |                  |                     | <b>Batch Number:</b> | <b>PB169958</b> |   | <b>Prep Date:</b> | <b>10/02/2025</b> |          |
|                   | Arsenic      | 2.56             | <5                  | U                    | 10.0            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Cadmium      | 0.25             | <1.5                | U                    | 3.00            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Chromium     | 1.06             | <2.5                | U                    | 5.00            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Copper       | 2.30             | <5                  | U                    | 10.0            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Lead         | 1.15             | <3                  | U                    | 6.00            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Nickel       | 1.53             | <10                 | U                    | 20.0            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Selenium     | 4.82             | <5                  | U                    | 10.0            | P | 10/03/2025        | 14:16             | LB137426 |
|                   | Zinc         | 8.33             | <10                 | U                    | 20.0            | P | 10/03/2025        | 14:16             | LB137426 |

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

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| <b>Client:</b> <u>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b> <u>Q3258</u>    |
| <b>Contract:</b> <u>DALT01</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 |
|----------------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Arsenic  | 8.41           |                    |               | -20                    | 20                      | 10/03/2025       | 13:20            | LB137426      |
|                | Cadmium  | 0.91           | 1.0                | 91            | -5                     | 7                       | 10/03/2025       | 13:20            | LB137426      |
|                | Chromium | 46.6           | 52.0               | 90            | 42                     | 62                      | 10/03/2025       | 13:20            | LB137426      |
|                | Copper   | 3.06           | 2.0                | 153           | -18                    | 22                      | 10/03/2025       | 13:20            | LB137426      |
|                | Lead     | 0.97           |                    |               | -12                    | 12                      | 10/03/2025       | 13:20            | LB137426      |
|                | Nickel   | 3.93           | 2.0                | 196           | -38                    | 42                      | 10/03/2025       | 13:20            | LB137426      |
|                | Selenium | 9.27           |                    |               | -20                    | 20                      | 10/03/2025       | 13:20            | LB137426      |
|                | Zinc     | 1.66           |                    |               | -40                    | 40                      | 10/03/2025       | 13:20            | LB137426      |
| <b>ICSAB01</b> | Arsenic  | 110            | 104                | 106           | 88.4                   | 120                     | 10/03/2025       | 13:25            | LB137426      |
|                | Cadmium  | 980            | 972                | 101           | 826                    | 1120                    | 10/03/2025       | 13:25            | LB137426      |
|                | Chromium | 553            | 542                | 102           | 460                    | 624                     | 10/03/2025       | 13:25            | LB137426      |
|                | Copper   | 484            | 511                | 95            | 434                    | 588                     | 10/03/2025       | 13:25            | LB137426      |
|                | Lead     | 49.1           | 49.0               | 100           | 37                     | 61                      | 10/03/2025       | 13:25            | LB137426      |
|                | Nickel   | 981            | 954                | 103           | 810                    | 1100                    | 10/03/2025       | 13:25            | LB137426      |
|                | Selenium | 56.4           | 46.0               | 123           | 26                     | 66                      | 10/03/2025       | 13:25            | LB137426      |
|                | Zinc     | 1030           | 952                | 108           | 809                    | 1095                    | 10/03/2025       | 13:25            | LB137426      |



# METAL QC DATA

metals  
- 5a -  
MATRIX SPIKE SUMMARY

|                            |                          |            |            |                                  |               |
|----------------------------|--------------------------|------------|------------|----------------------------------|---------------|
| client:                    | Dal-Tile - Dickson Plant | level:     | low        | sdg no.:                         | Q3258         |
| contract:                  | DALT01                   |            |            | lab code:                        | ACE           |
| matrix:                    | Water                    | sample id: | Q3252-05   | client id:                       | AUD-25-0161MS |
| Percent Solids for Sample: | NA                       | Spiked ID: | Q3252-05MS | Percent Solids for Spike Sample: | NA            |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 3.66             |   | 0.20             | U | 4.0            | 92            |      | CV |

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

|                                   |                          |                   |             |                                         |                |
|-----------------------------------|--------------------------|-------------------|-------------|-----------------------------------------|----------------|
| <b>client:</b>                    | Dal-Tile - Dickson Plant | <b>level:</b>     | low         | <b>sdg no.:</b>                         | Q3258          |
| <b>contract:</b>                  | DALT01                   | <b>lab code:</b>  | ACE         |                                         |                |
| <b>matrix:</b>                    | Water                    | <b>sample id:</b> | Q3252-05    | <b>client id:</b>                       | AUD-25-0161MSD |
| <b>Percent Solids for Sample:</b> | NA                       | <b>Spiked ID:</b> | Q3252-05MSD | <b>Percent Solids for Spike Sample:</b> | NA             |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 3.85          |   | 0.20             | U | 4.0            | 96            |      | CV |

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

|                                                |                                     |                                                   |
|------------------------------------------------|-------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Dal-Tile - Dickson Plant</u> | <b>level:</b> <u>low</u>            | <b>sdg no.:</b> <u>Q3258</u>                      |
| <b>contract:</b> <u>DALT01</u>                 |                                     | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                    | <b>sample id:</b> <u>Q3263-02</u>   | <b>client id:</b> <u>266380MS</u>                 |
| <b>Percent Solids for Sample:</b> <u>NA</u>    | <b>Spiked ID:</b> <u>Q3263-02MS</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Arsenic  | ug/L  | 75 - 125               | 382              |   | 10.0             | U | 400            | 96            |      | P |
| Cadmium  | ug/L  | 75 - 125               | 88.3             |   | 3.00             | U | 100            | 88            |      | P |
| Chromium | ug/L  | 75 - 125               | 188              |   | 5.00             | U | 200            | 94            |      | P |
| Copper   | ug/L  | 75 - 125               | 141              |   | 10.0             | U | 150            | 94            |      | P |
| Lead     | ug/L  | 75 - 125               | 430              |   | 6.00             | U | 500            | 86            |      | P |
| Nickel   | ug/L  | 75 - 125               | 233              |   | 6.71             | J | 250            | 90            |      | P |
| Selenium | ug/L  | 75 - 125               | 961              |   | 10.0             | U | 1000           | 96            |      | P |
| Zinc     | ug/L  | 75 - 125               | 173              |   | 75.6             |   | 100            | 97            |      | P |

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

|                                                |                                      |                                                   |
|------------------------------------------------|--------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Dal-Tile - Dickson Plant</u> | <b>level:</b> <u>low</u>             | <b>sdg no.:</b> <u>Q3258</u>                      |
| <b>contract:</b> <u>DALT01</u>                 |                                      | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                    | <b>sample id:</b> <u>Q3263-02</u>    | <b>client id:</b> <u>266380MSD</u>                |
| <b>Percent Solids for Sample:</b> <u>NA</u>    | <b>Spiked ID:</b> <u>Q3263-02MSD</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte  | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Arsenic  | ug/L  | 75 - 125               | 381           |   | 10.0             | U | 400            | 95            |      | P |
| Cadmium  | ug/L  | 75 - 125               | 88.0          |   | 3.00             | U | 100            | 88            |      | P |
| Chromium | ug/L  | 75 - 125               | 185           |   | 5.00             | U | 200            | 92            |      | P |
| Copper   | ug/L  | 75 - 125               | 140           |   | 10.0             | U | 150            | 93            |      | P |
| Lead     | ug/L  | 75 - 125               | 430           |   | 6.00             | U | 500            | 86            |      | P |
| Nickel   | ug/L  | 75 - 125               | 232           |   | 6.71             | J | 250            | 90            |      | P |
| Selenium | ug/L  | 75 - 125               | 956           |   | 10.0             | U | 1000           | 96            |      | P |
| Zinc     | ug/L  | 75 - 125               | 173           |   | 75.6             |   | 100            | 97            |      | P |

**Metals**  
**- 5b -**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**Lab Code:** ACE

**Matrix:**

**Level:** LOW

**Client ID:**

**Sample ID:**

**Spiked ID:**

| Analyte | Units | Acceptance<br>Limit %R | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|---------|-------|------------------------|---|------------------|---|----------------|---------------|------|---|
|---------|-------|------------------------|---|------------------|---|----------------|---------------|------|---|

.....

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                                 |                     |                 |                                         |                       |
|-----------------------------------|---------------------------------|---------------------|-----------------|-----------------------------------------|-----------------------|
| <b>Client:</b>                    | <u>Dal-Tile - Dickson Plant</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q3258</u>          |
| <b>Contract:</b>                  | <u>DALT01</u>                   |                     |                 | <b>Lab Code:</b>                        | <u>ACE</u>            |
| <b>Matrix:</b>                    | <u>Water</u>                    | <b>Sample ID:</b>   | <u>Q3252-05</u> | <b>Client ID:</b>                       | <u>AUD-25-0161DUP</u> |
| <b>Percent Solids for Sample:</b> | NA                              | <b>Duplicate ID</b> | Q3252-05DUP     | <b>Percent Solids for Spike Sample:</b> | NA                    |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 0.20          | U | 0.20             | U |     |      | 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>Dal-Tile - Dickson Plant</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q3258</u>          |
| <b>Contract:</b>                  | <u>DALT01</u>                   |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>            |
| <b>Matrix:</b>                    | <u>Water</u>                    | <b>Sample ID:</b>   | <u>Q3252-05MS</u> | <b>Client ID:</b>                       | <u>AUD-25-0161MSD</u> |
| <b>Percent Solids for Sample:</b> | NA                              | <b>Duplicate ID</b> | Q3252-05MSD       | <b>Percent Solids for Spike Sample:</b> | NA                    |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 3.66          |   | 3.85             |   | 5   |      | 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

**Client:** Dal-Tile - Dickson Plant **Level:** LOW **SDG No.:** Q3258  
**Contract:** DALT01 **Lab Code:** ACE  
**Matrix:** Water **Sample ID:** Q3263-02 **Client ID:** 266380DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q3263-02DUP **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Arsenic  | ug/L  | 20               | 10.0          | U | 10.0             | U |     |      | P |
| Cadmium  | ug/L  | 20               | 3.00          | U | 3.00             | U |     |      | P |
| Chromium | ug/L  | 20               | 5.00          | U | 5.00             | U |     |      | P |
| Copper   | ug/L  | 20               | 10.0          | U | 10.0             | U |     |      | P |
| Lead     | ug/L  | 20               | 6.00          | U | 6.00             | U |     |      | P |
| Nickel   | ug/L  | 20               | 6.71          | J | 7.09             | J | 6   |      | P |
| Selenium | ug/L  | 20               | 10.0          | U | 10.0             | U |     |      | P |
| Zinc     | ug/L  | 20               | 75.6          |   | 80.4             |   | 6   |      | P |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                                 |                     |                   |                                         |                  |
|-----------------------------------|---------------------------------|---------------------|-------------------|-----------------------------------------|------------------|
| <b>Client:</b>                    | <u>Dal-Tile - Dickson Plant</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q3258</u>     |
| <b>Contract:</b>                  | <u>DALT01</u>                   |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>       |
| <b>Matrix:</b>                    | <u>Water</u>                    | <b>Sample ID:</b>   | <u>Q3263-02MS</u> | <b>Client ID:</b>                       | <u>266380MSD</u> |
| <b>Percent Solids for Sample:</b> | NA                              | <b>Duplicate ID</b> | Q3263-02MSD       | <b>Percent Solids for Spike Sample:</b> | NA               |

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Arsenic  | ug/L  | 20               | 382           |   | 381              |   | 0   |      | P |
| Cadmium  | ug/L  | 20               | 88.3          |   | 88.0             |   | 0   |      | P |
| Chromium | ug/L  | 20               | 188           |   | 185              |   | 2   |      | P |
| Copper   | ug/L  | 20               | 141           |   | 140              |   | 1   |      | P |
| Lead     | ug/L  | 20               | 430           |   | 430              |   | 0   |      | P |
| Nickel   | ug/L  | 20               | 233           |   | 232              |   | 0   |      | P |
| Selenium | ug/L  | 20               | 961           |   | 956              |   | 1   |      | P |
| Zinc     | ug/L  | 20               | 173           |   | 173              |   | 0   |      | P |

“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>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b> | <u>DALT01</u>                   | <b>Lab Code:</b> | <u>ACE</u>   |

| Analyte    | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|------------|-------|------------|--------|---|------------|-------------------|---|
| PB169958BS |       |            |        |   |            |                   |   |
| Arsenic    | ug/L  | 400        | 384    |   | 96         | 80 - 120          | P |
| Cadmium    | ug/L  | 100        | 94.8   |   | 95         | 80 - 120          | P |
| Chromium   | ug/L  | 200        | 208    |   | 104        | 80 - 120          | P |
| Copper     | ug/L  | 150        | 150    |   | 100        | 80 - 120          | P |
| Lead       | ug/L  | 500        | 466    |   | 93         | 80 - 120          | P |
| Nickel     | ug/L  | 250        | 247    |   | 99         | 80 - 120          | P |
| Selenium   | ug/L  | 1000       | 971    |   | 97         | 80 - 120          | P |
| Zinc       | ug/L  | 100        | 99.5   |   | 100        | 80 - 120          | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

|                  |                                 |                  |              |
|------------------|---------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Dal-Tile - Dickson Plant</u> | <b>SDG No.:</b>  | <u>Q3258</u> |
| <b>Contract:</b> | <u>DALT01</u>                   | <b>Lab Code:</b> | <u>ACE</u>   |

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169961BS<br>Mercury | ug/L  | 4.0        | 4.10   |   | 102           | 80 - 120             | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

AUD-25-0161L

**Lab Name:** Alliance **Contract:** DALT01  
**Lab Code:** ACE **Lb No.:** lb137412 **Lab Sample ID :** Q3252-05L **SDG No.:** Q3258  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte | Initial Sample<br>Result (I) | Serial Dilution<br>Result (S) | % Differ-<br>ence | Q | M  |
|---------|------------------------------|-------------------------------|-------------------|---|----|
| Mercury | 0.20 U                       | 1.00 U                        |                   |   | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

266380L

**Lab Name:** Alliance **Contract:** DALT01  
**Lab Code:** ACE **Lb No.:** lb137426 **Lab Sample ID :** Q3263-02L **SDG No.:** Q3258  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte  | Initial Sample<br>Result (I) |   | Serial Dilution<br>Result (S) |   | % Differ-<br>ence | Q | M |
|----------|------------------------------|---|-------------------------------|---|-------------------|---|---|
|          |                              | C |                               | C |                   |   |   |
| Arsenic  | 10.0                         | U | 50.0                          | U |                   |   | P |
| Cadmium  | 3.00                         | U | 15.0                          | U |                   |   | P |
| Chromium | 5.00                         | U | 25.0                          | U |                   |   | P |
| Copper   | 10.0                         | U | 50.0                          | U |                   |   | P |
| Lead     | 6.00                         | U | 30.0                          | U |                   |   | P |
| Nickel   | 6.71                         | J | 8.80                          | J | 31                |   | P |
| Selenium | 10.0                         | U | 50.0                          | U |                   |   | P |
| Zinc     | 75.6                         |   | 86.3                          | J | 14                |   | P |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | -0.0000440 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000930  | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper   | 224.700                 | 0.0000000                                | 0.0000000 | 0.0007850  | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380  | 0.0000000 | 0.0000000 |
| Nickel   | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | -0.0001440 | 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:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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         |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper   | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Lead     | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel   | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Zinc     | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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         |
| Arsenic  | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000 | 0.0004900  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000  |
| Copper   | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500  |
| Lead     | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Nickel   | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000  |
| Zinc     | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000 | 0.0000000  |

A

B

C

D

E

F

G

H

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper   | 224.700                 | 0.0000000                                | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Nickel   | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Zinc     | 213.800                 | 0.0000000                                | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**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        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110 | 0.0000000 |
| Copper   | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel   | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc     | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**Lab Code:** ACE

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

| Sample ID                     | Client ID  | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169958</b> |            |             |        |            |                         |                          |                |
| PB169958BL                    | PB169958BL | MB          | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |
| PB169958BS                    | PB169958BS | LCS         | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |
| Q3258-06                      | COMPOSITE  | SAM         | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |
| Q3263-02DUP                   | 266380DUP  | DUP         | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |
| Q3263-02MS                    | 266380MS   | MS          | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |
| Q3263-02MSD                   | 266380MSD  | MSD         | WATER  | 10/02/2025 | 50.0                    | 25.0                     |                |

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Contract:** DALT01

**Lab Code:** ACE

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

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169961</b> |                |             |        |            |                         |                          |                |
| PB169961BL                    | PB169961BL     | MB          | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |
| PB169961BS                    | PB169961BS     | LCS         | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |
| Q3252-05DUP                   | AUD-25-0161DUP | DUP         | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |
| Q3252-05MS                    | AUD-25-0161MS  | MS          | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |
| Q3252-05MSD                   | AUD-25-0161MSD | MSD         | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |
| Q3258-06                      | COMPOSITE      | SAM         | WATER  | 10/02/2025 | 30.0                    | 30.0                     |                |

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

**Client:** Dal-Tile - Dickson Plant

**Contract:** DALT01

**Lab code:** ACE

**Sdg no.:** Q3258

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

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

**Run number:** LB137412

**Start date:** 10/03/2025

**End date:** 10/03/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 1056 | HG             |
| S0.2           | S0.2             | 1   | 1059 | HG             |
| S2.5           | S2.5             | 1   | 1101 | HG             |
| S5             | S5               | 1   | 1103 | HG             |
| S7.5           | S7.5             | 1   | 1106 | HG             |
| S10            | S10              | 1   | 1108 | HG             |
| ICV58          | ICV58            | 1   | 1112 | HG             |
| ICB58          | ICB58            | 1   | 1114 | HG             |
| CCV80          | CCV80            | 1   | 1116 | HG             |
| CCB80          | CCB80            | 1   | 1118 | HG             |
| CRA            | CRA              | 1   | 1121 | HG             |
| PB169961BL     | PB169961BL       | 1   | 1134 | HG             |
| PB169961BS     | PB169961BS       | 1   | 1136 | HG             |
| Q3252-05DUP    | AUD-25-0161DUP   | 1   | 1146 | HG             |
| Q3252-05MS     | AUD-25-0161MS    | 1   | 1148 | HG             |
| CCV81          | CCV81            | 1   | 1150 | HG             |
| CCB81          | CCB81            | 1   | 1153 | HG             |
| Q3252-05MSD    | AUD-25-0161MSD   | 1   | 1155 | HG             |
| Q3258-06       | COMPOSITE        | 1   | 1157 | HG             |
| Q3252-05L      | AUD-25-0161L     | 5   | 1216 | HG             |
| CCV82          | CCV82            | 1   | 1235 | HG             |
| CCB82          | CCB82            | 1   | 1240 | HG             |

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

**Client:** Dal-Tile - Dickson Plant

**Contract:** DALT01

**Lab code:** ACE

**Sdg no.:** Q3258

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

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

**Run number:** LB137426

**Start date:** 10/03/2025

**End date:** 10/03/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list          |
|----------------|------------------|-----|------|-------------------------|
| S0             | S0               | 1   | 1153 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| S1             | S1               | 1   | 1158 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| S2             | S2               | 1   | 1202 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| S3             | S3               | 1   | 1206 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| S4             | S4               | 1   | 1210 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| S5             | S5               | 1   | 1214 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| ICV01          | ICV01            | 1   | 1218 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| LLICV01        | LLICV01          | 1   | 1305 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| ICB01          | ICB01            | 1   | 1312 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CRI01          | CRI01            | 1   | 1316 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| ICSA01         | ICSA01           | 1   | 1320 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| ICSAB01        | ICSAB01          | 1   | 1325 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCV01          | CCV01            | 1   | 1337 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCB01          | CCB01            | 1   | 1341 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| PB169958BL     | PB169958BL       | 1   | 1416 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| PB169958BS     | PB169958BS       | 1   | 1420 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCV02          | CCV02            | 1   | 1500 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCB02          | CCB02            | 1   | 1504 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| Q3258-06       | COMPOSITE        | 1   | 1529 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| Q3263-02DUP    | 266380DUP        | 1   | 1542 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| Q3263-02L      | 266380L          | 5   | 1546 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCV03          | CCV03            | 1   | 1551 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCB03          | CCB03            | 1   | 1600 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| Q3263-02MS     | 266380MS         | 1   | 1604 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| Q3263-02MSD    | 266380MSD        | 1   | 1608 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCV04          | CCV04            | 1   | 1645 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |
| CCB04          | CCB04            | 1   | 1649 | As,Cd,Cr,Cu,Ni,Pb,Se,Zn |

## LAB CHRONICLE

|                 |                          |                   |                       |
|-----------------|--------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q3258                    | <b>OrderDate:</b> | 10/1/2025 10:50:59 AM |
| <b>Client:</b>  | Dal-Tile - Dickson Plant | <b>Project:</b>   | Waste Water           |
| <b>Contact:</b> | Michel Gil               | <b>Location:</b>  | D31                   |

| LabID           | ClientID                         | Matrix       | Test                | Method           | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|----------------------------------|--------------|---------------------|------------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q3258-01</b> | <b>MONTHLY-CYANIDE</b>           | <b>WATER</b> |                     |                  | <b>09/29/25<br/>14:21</b> |           |                   | <b>10/01/25</b> |
|                 |                                  |              | Cyanide             | SM4500-CN<br>C,E |                           | 10/06/25  | 10/06/25<br>14:43 |                 |
| <b>Q3258-04</b> | <b>ADDITIONAL-CYANIDE<br/>-3</b> | <b>WATER</b> |                     |                  | <b>09/30/25<br/>14:47</b> |           |                   | <b>10/01/25</b> |
|                 |                                  |              | Cyanide             | SM4500-CN<br>C,E |                           | 10/06/25  | 10/06/25<br>14:51 |                 |
| <b>Q3258-05</b> | <b>OIL-AND-GREASE</b>            | <b>WATER</b> |                     |                  | <b>09/30/25<br/>15:05</b> |           |                   | <b>10/01/25</b> |
|                 |                                  |              | Oil and Grease      | 1664A            |                           |           | 10/03/25<br>10:35 |                 |
| <b>Q3258-06</b> | <b>COMPOSITE</b>                 | <b>WATER</b> |                     |                  | <b>09/30/25<br/>15:12</b> |           |                   | <b>10/01/25</b> |
|                 |                                  |              | Ammonia             | SM4500-NH3       |                           | 10/02/25  | 10/03/25<br>10:29 |                 |
|                 |                                  |              | BOD5                | SM5210 B         |                           |           | 10/01/25<br>17:40 |                 |
|                 |                                  |              | Hexavalent Chromium | 7196A            |                           |           | 10/01/25<br>12:47 |                 |
|                 |                                  |              | Phosphorus-Total    | 365.3            |                           | 10/09/25  | 10/09/25<br>13:29 |                 |
|                 |                                  |              | TSS                 | SM2540 D         |                           |           | 10/03/25<br>13:30 |                 |
| <b>Q3258-08</b> | <b>ADDITIONAL-CYANIDE<br/>-1</b> | <b>WATER</b> |                     |                  | <b>09/30/25<br/>14:47</b> |           |                   | <b>10/01/25</b> |
|                 |                                  |              | Cyanide             | SM4500-CN<br>C,E |                           | 10/14/25  | 10/14/25<br>11:18 |                 |

LAB CHRONICLE

| Q3258-09 | ADDITIONAL-CYANIDE<br>-2 | WATER |         |                  | 09/30/25<br>14:47 |          | 10/01/25          |
|----------|--------------------------|-------|---------|------------------|-------------------|----------|-------------------|
|          |                          |       | Cyanide | SM4500-CN<br>C,E |                   | 10/14/25 | 10/14/25<br>11:18 |



# SAMPLE DATA

## Report of Analysis

Client: Dal-Tile - Dickson Plant  
Project: Waste Water  
Client Sample ID: MONTHLY-CYANIDE  
Lab Sample ID: Q3258-01

Date Collected: 09/29/25 14:21  
Date Received: 10/01/25  
SDG No.: Q3258  
Matrix: WATER  
% Solid: 0

| Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                     |
|-----------|-------|------|----|--------|------------|-------|----------------|----------------|------------------------------|
| Cyanide   | 0.25  |      | 1  | 0.0012 | 0.0050     | mg/L  | 10/06/25 11:05 | 10/06/25 14:43 | SM 4500-CN<br>C-21 plus E-21 |

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:           | Dal-Tile - Dickson Plant | Date Collected: | 09/30/25 14:47 |
| Project:          | Waste Water              | Date Received:  | 10/01/25       |
| Client Sample ID: | ADDITIONAL-CYANIDE-3     | SDG No.:        | Q3258          |
| Lab Sample ID:    | Q3258-04                 | Matrix:         | WATER          |
|                   |                          | % Solid:        | 0              |

| Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                     |
|-----------|--------|------|----|--------|------------|-------|----------------|----------------|------------------------------|
| Cyanide   | 0.0024 | J    | 1  | 0.0012 | 0.0050     | mg/L  | 10/06/25 11:05 | 10/06/25 14:51 | SM 4500-CN<br>C-21 plus E-21 |

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: Dal-Tile - Dickson Plant  
Project: Waste Water  
Client Sample ID: OIL-AND-GREASE  
Lab Sample ID: Q3258-05

Date Collected: 09/30/25 15:05  
Date Received: 10/01/25  
SDG No.: Q3258  
Matrix: WATER  
% Solid: 0

| Parameter      | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|----------------|-------|------|----|------|------------|-------|-----------|----------------|----------|
| Oil and Grease | 3.60  | J    | 1  | 0.29 | 5.00       | mg/L  |           | 10/03/25 10:35 | 1664A    |

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: Dal-Tile - Dickson Plant  
Project: Waste Water  
Client Sample ID: COMPOSITE  
Lab Sample ID: Q3258-06

Date Collected: 09/30/25 15:12  
Date Received: 10/01/25  
SDG No.: Q3258  
Matrix: WATER  
% Solid: 0

| Parameter                     | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|-------------------------------|--------|------|----|--------|------------|-------|----------------|----------------|----------------------------|
| Ammonia as N                  | 0.32   |      | 1  | 0.030  | 0.10       | mg/L  | 10/02/25 14:10 | 10/03/25 10:29 | SM 4500-NH3<br>B plus G-21 |
| BOD5                          | 349    |      | 1  | 0.20   | 2.00       | mg/L  |                | 10/01/25 17:40 | SM 5210 B-16               |
| Dissolved Hexavalent Chromium | 0.0030 | U    | 1  | 0.0030 | 0.010      | mg/L  |                | 10/01/25 12:47 | 7196A                      |
| Phosphorus, Total             | 0.021  | J    | 1  | 0.0050 | 0.050      | mg/L  | 10/09/25 09:40 | 10/09/25 13:29 | 365.3                      |
| TSS                           | 26.2   |      | 1  | 1.00   | 4.00       | mg/L  |                | 10/03/25 13:30 | SM 2540 D-20               |

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:           | Dal-Tile - Dickson Plant | Date Collected: | 09/30/25 14:47 |
| Project:          | Waste Water              | Date Received:  | 10/01/25       |
| Client Sample ID: | ADDITIONAL-CYANIDE-1     | SDG No.:        | Q3258          |
| Lab Sample ID:    | Q3258-08                 | Matrix:         | WATER          |
|                   |                          | % Solid:        | 0              |

| Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                     |
|-----------|--------|------|----|--------|------------|-------|----------------|----------------|------------------------------|
| Cyanide   | 0.0033 | J    | 1  | 0.0012 | 0.0050     | mg/L  | 10/14/25 08:30 | 10/14/25 11:18 | SM 4500-CN<br>C-21 plus E-21 |

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: Dal-Tile - Dickson Plant  
Project: Waste Water  
Client Sample ID: ADDITIONAL-CYANIDE-2  
Lab Sample ID: Q3258-09

Date Collected: 09/30/25 14:47  
Date Received: 10/01/25  
SDG No.: Q3258  
Matrix: WATER  
% Solid: 0

| Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                     |
|-----------|--------|------|----|--------|------------|-------|----------------|----------------|------------------------------|
| Cyanide   | 0.0035 | J    | 1  | 0.0012 | 0.0050     | mg/L  | 10/14/25 08:30 | 10/14/25 11:18 | SM 4500-CN<br>C-21 plus E-21 |

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:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137386

| Analyte                                       | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-----------------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>Hexavalent Chromium  | mg/L  | 0.502  | 0.5        | 100        | 90-110                 | 10/01/2025    |
| Sample ID: <b>CCV1</b><br>Hexavalent Chromium | mg/L  | 0.497  | 0.5        | 99         | 90-110                 | 10/01/2025    |
| Sample ID: <b>CCV2</b><br>Hexavalent Chromium | mg/L  | 0.504  | 0.5        | 101        | 90-110                 | 10/01/2025    |

## Initial and Continuing Calibration Verification

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137417

| Analyte                                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|----------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>Ammonia as N | mg/L  | 0.98   | 1          | 98         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV1</b><br>Ammonia as N | mg/L  | 0.97   | 1          | 97         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV2</b><br>Ammonia as N | mg/L  | 0.97   | 1          | 97         | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV3</b><br>Ammonia as N | mg/L  | 1      | 1          | 100        | 90-110                 | 10/03/2025    |
| Sample ID: <b>CCV4</b><br>Ammonia as N | mg/L  | 0.98   | 1          | 98         | 90-110                 | 10/03/2025    |

## Initial and Continuing Calibration Verification

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137435

| Analyte                           | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-----------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>Cyanide | mg/L  | 0.095  | 0.099      | 96         | 85-115                 | 10/06/2025    |
| Sample ID: <b>CCV1</b><br>Cyanide | mg/L  | 0.24   | 0.25       | 96         | 90-110                 | 10/06/2025    |
| Sample ID: <b>CCV2</b><br>Cyanide | mg/L  | 0.24   | 0.25       | 96         | 90-110                 | 10/06/2025    |

## Initial and Continuing Calibration Verification

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137481

| Analyte                                     | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---------------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>Phosphorus, Total  | mg/L  | 0.489  | 0.50       | 98         | 90-110                 | 10/09/2025    |
| Sample ID: <b>CCV1</b><br>Phosphorus, Total | mg/L  | 0.506  | 0.50       | 101        | 90-110                 | 10/09/2025    |
| Sample ID: <b>CCV2</b><br>Phosphorus, Total | mg/L  | 0.502  | 0.50       | 100        | 90-110                 | 10/09/2025    |

## Initial and Continuing Calibration Verification

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137517

| Analyte    |             | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------|-------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: | <b>ICV1</b> |       |        |            |            |                        |               |
| Cyanide    |             | mg/L  | 0.096  | 0.099      | 97         | 85-115                 | 10/14/2025    |
| Sample ID: | <b>CCV1</b> |       |        |            |            |                        |               |
| Cyanide    |             | mg/L  | 0.24   | 0.25       | 96         | 90-110                 | 10/14/2025    |
| Sample ID: | <b>CCV2</b> |       |        |            |            |                        |               |
| Cyanide    |             | mg/L  | 0.24   | 0.25       | 96         | 90-110                 | 10/14/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137386

| 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 | 10/01/2025    |
| Sample ID: <b>CCB1</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 10/01/2025    |
| Sample ID: <b>CCB2</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 10/01/2025    |

## Initial and Continuing Calibration Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137417

| Analyte                                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|----------------------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| Sample ID: <b>ICB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB2</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB3</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |
| Sample ID: <b>CCB4</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 10/03/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137435

| Analyte                           | Units | Result   | Acceptance Limits | Conc Qual | MDL    | RDL   | Analysis Date |
|-----------------------------------|-------|----------|-------------------|-----------|--------|-------|---------------|
| Sample ID: <b>ICB1</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/06/2025    |
| Sample ID: <b>CCB1</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/06/2025    |
| Sample ID: <b>CCB2</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/06/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137481

| Analyte                                     | Units | Result | Acceptance Limits | Conc Qual | MDL    | RDL  | Analysis Date |
|---------------------------------------------|-------|--------|-------------------|-----------|--------|------|---------------|
| Sample ID: <b>ICB</b><br>Phosphorus, Total  | mg/L  | 0.008  | 0.0250            | J         | 0.0045 | 0.05 | 10/09/2025    |
| Sample ID: <b>CCB1</b><br>Phosphorus, Total | mg/L  | 0.007  | 0.0250            | J         | 0.0045 | 0.05 | 10/09/2025    |
| Sample ID: <b>CCB2</b><br>Phosphorus, Total | mg/L  | 0.005  | 0.0250            | J         | 0.0045 | 0.05 | 10/09/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**RunNo.:** LB137517

| Analyte                           | Units | Result   | Acceptance Limits | Conc Qual | MDL    | RDL   | Analysis Date |
|-----------------------------------|-------|----------|-------------------|-----------|--------|-------|---------------|
| Sample ID: <b>ICB1</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/14/2025    |
| Sample ID: <b>CCB1</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/14/2025    |
| Sample ID: <b>CCB2</b><br>Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/14/2025    |

## Preparation Blank Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

| Analyte                                             | Units | Result   | Acceptance Limits | Conc Qual | MDL    | RDL   | Analysis Date |
|-----------------------------------------------------|-------|----------|-------------------|-----------|--------|-------|---------------|
| Sample ID: <b>LB137386BL</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.003  | 0.01  | 10/01/2025    |
| Sample ID: <b>LB137388BL</b><br>BOD5                | mg/L  | < 0.2000 | 0.2000            | U         | 0.20   | 2.0   | 10/01/2025    |
| Sample ID: <b>LB137413BL</b><br>Oil and Grease      | mg/L  | < 2.5000 | 2.5000            | U         | 0.29   | 5.0   | 10/03/2025    |
| Sample ID: <b>LB137419BL</b><br>TSS                 | mg/L  | 1        | 2.0000            | J         | 1      | 4     | 10/03/2025    |
| Sample ID: <b>PB169946BL</b><br>Ammonia as N        | mg/L  | < 0.0500 | 0.0500            | U         | 0.03   | 0.1   | 10/03/2025    |
| Sample ID: <b>PB169962BL</b><br>Cyanide             | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/06/2025    |
| Sample ID: <b>PB170046BL</b><br>Phosphorus, Total   | mg/L  | 0.007    | 0.0250            | J         | 0.005  | 0.05  | 10/09/2025    |
| Sample ID: <b>PB170085BL</b><br>Cyanide             | mg/L  | < 0.0025 | 0.0025            | U         | 0.0012 | 0.005 | 10/14/2025    |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3229-01 |
| <b>Client ID:</b> | MH-9-26-25MS             | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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 |
|----------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Oil and Grease | mg/L  | 78-114                 | 192              |                    | 172              |                    | 20.0           | 1                  | 101      |      | 10/03/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3229-01 |
| <b>Client ID:</b> | MH-9-26-25MSD            | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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 |
|----------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Oil and Grease | mg/L  | 78-114                 | 192              |                    | 172              |                    | 20.0           | 1                  | 102      |      | 10/03/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3234-01 |
| <b>Client ID:</b> | DA-1MS                   | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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 |
|-------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Phosphorus, Total | mg/L  | 90-110                 | 0.51             |                    | 0.043            | J                  | 0.5            | 1                  | 93       |      | 10/09/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3234-01 |
| <b>Client ID:</b> | DA-1MSD                  | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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 |
|-------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Phosphorus, Total | mg/L  | 90-110                 | 0.50             |                    | 0.043            | J                  | 0.5            | 1                  | 92       |      | 10/09/2025       |

**Matrix Spike Summary**

**Client:**

Dal-Tile - Dickson Plant

**SDG No.:**

Q3258

**Project:**

Waste Water

**Sample ID:**

Q3258-01

**Client ID:**

MONTHLY-CYANIDE MS

**Percent Solids for Spike Sample:**

0

| 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 |
|---------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Cyanide | mg/L  | 75-125                 | 0.28             |                    | 0.25             |                    | 0.04           | 1                  | 75       |      | 10/06/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3258-01 |
| <b>Client ID:</b> | MONTHLY-CYANIDE MSD      | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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 |
|---------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Cyanide | mg/L  | 75-125                 | 0.28             |                    | 0.25             |                    | 0.04           | 1                  | 75       |      | 10/06/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MS                 | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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/L  | 75-125                 | 1.00             |                    | 0.030            | U                  | 1              | 1                  | 100      |      | 10/03/2025       |

## Matrix Spike Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MSD                | <b>Percent Solids for Spike Sample:</b> | 0        |

| 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/L  | 75-125                 | 1.00             |                    | 0.030            | U                  | 1              | 1                  | 100      |      | 10/03/2025       |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3229-01 |
| <b>Client ID:</b> | MH-9-26-25MSD            | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte        | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|----------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Oil and Grease | mg/L  | +/-18            | 192           |                 | 192              |                 | 1               | 0.05   |      | 10/03/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3234-01 |
| <b>Client ID:</b> | DA-1DUP                  | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte           | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|-------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Phosphorus, Total | mg/L  | +/-20            | 0.043         | J               | 0.042            | J               | 1               | 2.35   |      | 10/09/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3234-01 |
| <b>Client ID:</b> | DA-1MSD                  | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte           | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|-------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Phosphorus, Total | mg/L  | +/-20            | 0.51          |                 | 0.50             |                 | 1               | 0.99   |      | 10/09/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3258-01 |
| <b>Client ID:</b> | MONTHLY-CYANIDE DUP      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Cyanide | mg/L  | +/-20            | 0.25          |                 | 0.24             |                 | 1               | 4      |      | 10/06/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3258-01 |
| <b>Client ID:</b> | MONTHLY-CYANIDE MSD      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Cyanide | mg/L  | +/-20            | 0.28          |                 | 0.28             |                 | 1               | 0      |      | 10/06/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3258-08 |
| <b>Client ID:</b> | ADDITIONAL-CYANIDE-1DUP  | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Cyanide | mg/L  | +/-20            | 0.0033        | J               | 0.0034           | J               | 1               | 3      |      | 10/14/2025    |

## Duplicate Sample Summary

|                                                                                                     |                                                                                                  |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Client:</b> Dal-Tile - Dickson Plant<br><b>Project:</b> Waste Water<br><b>Client ID:</b> COMPDUP | <b>SDG No.:</b> Q3258<br><b>Sample ID:</b> Q3260-02<br><b>Percent Solids for Spike Sample:</b> 0 |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| BOD5    | mg/L  | +/-20            | 3020          |                 | 2930             |                 | 1               | 2.83   |      | 10/01/2025    |
| TSS     | mg/L  | +/-5             | 481           |                 | 480              |                 | 1               | 0.21   |      | 10/03/2025    |

## Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380DUP                | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|--------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Ammonia as N | mg/L  | +/-20            | 0.030         | U               | 0.030            | U               | 1               | 0      |      | 10/03/2025    |

### Duplicate Sample Summary

|                   |                          |                                         |          |
|-------------------|--------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Dal-Tile - Dickson Plant | <b>SDG No.:</b>                         | Q3258    |
| <b>Project:</b>   | Waste Water              | <b>Sample ID:</b>                       | Q3263-02 |
| <b>Client ID:</b> | 266380MSD                | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte      | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|--------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Ammonia as N | mg/L  | +/-20            | 1.00          |                 | 1.00             |                 | 1               | 0      |      | 10/03/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137386

| Analyte             | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID           | LB137386BS |            |        |                 |            |                 |                     |               |
| Hexavalent Chromium | mg/L       | 0.5        | 0.51   |                 | 103        | 1               | 90-111              | 10/01/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137388

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB137388BS |            |        |                 |            |                 |                     |               |
| BOD5      | mg/L       | 198        | 181    |                 | 92         | 1               | 84.6-115.4          | 10/01/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137413

| Analyte        | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|----------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID      | LB137413BS |            |        |                 |            |                 |                     |               |
| Oil and Grease | mg/L       | 20.0       | 16.8   |                 | 84         | 1               | 78-114              | 10/03/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137419

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | LB137419BS |            |        |                 |            |                 |                     |               |
| TSS       | mg/L       | 550        | 532    |                 | 97         | 1               | 90-110              | 10/03/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137417

| Analyte      | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|--------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID    | PB169946BS |            |        |                 |            |                 |                     |               |
| Ammonia as N | mg/L       | 1          | 1.00   |                 | 100        | 1               | 90-110              | 10/03/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137435

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | PB169962BS |            |        |                 |            |                 |                     |               |
| Cyanide   | mg/L       | 0.1        | 0.096  |                 | 96         | 1               | 85-115              | 10/06/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137481

| Analyte           | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-------------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID         | PB170046BS |            |        |                 |            |                 |                     |               |
| Phosphorus, Total | mg/L       | 0.50       | 0.48   |                 | 97         | 1               | 90-110              | 10/09/2025    |

## Laboratory Control Sample Summary

**Client:** Dal-Tile - Dickson Plant

**SDG No.:** Q3258

**Project:** Waste Water

**Run No.:** LB137517

| Analyte   | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|-----------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID | PB170085BS |            |        |                 |            |                 |                     |               |
| Cyanide   | mg/L       | 0.1        | 0.097  |                 | 97         | 1               | 85-115              | 10/14/2025    |



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Dal-Tile LLC - Dickson Plant  
ADDRESS: 187 Warren G. Medley Drive  
CITY Dickson STATE: TN ZIP: 37055  
ATTENTION: Michel Gil  
PHONE: 214-309-4003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: White Water Sampling  
PROJECT NO.: EM-2025-1026 LOCATION: Nashville, TN  
PROJECT MANAGER: James Engler  
e-mail: jane.engler@alliance-tg.com  
PHONE: 601-415-6413 FAX:

CLIENT BILLING INFORMATION

BILL TO: ATG-Dynalene AEM PO#:  
ADDRESS: 400 Texas 146  
CITY Baytown STATE: TX ZIP: 77520  
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. 10/1/25  
2. 10/1/25  
3. 10/1/25  
4. 10/1/25  
5. 10/1/25  
6. 10/1/25  
7. 10/1/25  
8. 10/1/25  
9. 10/1/25

| 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   |              | B             | C | E | F | C | E | E | C |  |                  | ← Specify Preservatives<br>A-HCl<br>B-HNO3<br>C-H2SO4<br>D-NaOH<br>E-ICE<br>F-OTHER |
|                          |                                  |                  |                |      |                      |        |              |               |   |   |   |   |   |   |   |  |                  |                                                                                     |
|                          |                                  |                  |                |      |                      |        |              |               |   |   |   |   |   |   |   |  |                  |                                                                                     |
| 1.                       | Monthly Cyanide                  | WW               |                | X    | 9/29                 | 2:10PM | 1            |               |   | X |   |   |   |   |   |  | 10/1/25-20/11/25 |                                                                                     |
| 2.                       | Additional Cyanide               | WW               |                | X    | 9/30                 | 2:47   | 3            |               |   | X |   |   |   |   |   |  | 10/1/25-10/1/25  |                                                                                     |
| 3.                       | Oil & Grease                     | WW               |                | X    | 9/30                 | 3:05   | 1            |               | X |   |   |   |   |   |   |  | 10/1/25          |                                                                                     |
| 4.                       | <del>Mercury</del>               | <del>WW</del>    | X              |      | <del>9/30</del>      |        | <del>1</del> | X             |   |   |   |   |   |   |   |  |                  |                                                                                     |
| 5.                       | <del>Hexavalent Chromium</del>   | <del>WW</del>    | X              |      | <del>9/30</del>      |        | <del>1</del> |               |   | X |   |   |   |   |   |  | 10/1/25-20/11/25 |                                                                                     |
| 6.                       | Ammonia Conc'd Sample            | WW               | X              |      | 9/30                 | 3:20PM | 1            |               |   |   | X |   |   |   |   |  | 10/1/25-20/11/25 |                                                                                     |
| 7.                       | <del>Free Cyanide Sample</del>   | WW               | X              |      | 9/30                 | 3:10PM | 1            |               |   |   |   | X |   |   |   |  |                  |                                                                                     |
| 8.                       | BOOS Conc'd Sample               | WW               | X              |      | 9/30                 | 3:10PM | 1            |               |   |   |   |   |   | X |   |  |                  |                                                                                     |
| 9.                       | <del>Total Phosphorus</del>      | <del>WW</del>    | X              |      | <del>9/30</del>      |        | <del>1</del> |               |   |   |   |   |   |   | X |  |                  |                                                                                     |
| 10.                      | True Blank                       |                  |                |      |                      |        | 1            |               |   |   |   |   |   |   |   |  |                  |                                                                                     |

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

|                                                    |                                             |                                    |                                                                                                                                                                                        |
|----------------------------------------------------|---------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>James Engler</u> | DATE/TIME:<br><u>9/30/25</u>                | RECEIVED BY:<br><u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.2°C</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>UPS</u>          | DATE/TIME:<br><u>10-1-25</u><br><u>1025</u> | RECEIVED BY:<br><u>[Signature]</u> | Comments: _____                                                                                                                                                                        |
| RELINQUISHED BY SAMPLER:<br>3.                     | DATE/TIME:                                  | RECEIVED BY:                       | Page _____ of _____                                                                                                                                                                    |

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |