

### Hit Summary Sheet SW-846

**SDG No.:** Q2481 **Order ID:** Q2481  
**Client:** Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

| Sample ID                        | Client ID     | Matrix | Parameter | Concentration | C  | MDL  | RDL   | Units |
|----------------------------------|---------------|--------|-----------|---------------|----|------|-------|-------|
| <b>Client ID : CC0627-AL</b>     |               |        |           |               |    |      |       |       |
| Q2481-01                         | CC0627-AL     | TCLP   | Cadmium   | 35.7          | JD | 25.0 | 300   | ug/L  |
| Q2481-01                         | CC0627-AL     | TCLP   | Chromium  | 1540          | D  | 106  | 500   | ug/L  |
| Q2481-01                         | CC0627-AL     | TCLP   | Lead      | 1580          | D  | 115  | 600   | ug/L  |
| Q2481-01                         | CC0627-AL     | TCLP   | Mercury   | 2.40          |    | 0.76 | 2.00  | ug/L  |
| <b>Client ID : CC0627-CLOXPL</b> |               |        |           |               |    |      |       |       |
| Q2481-02                         | CC0627-CLOXPL | TCLP   | Cadmium   | 7940          | D  | 250  | 3000  | ug/L  |
| Q2481-02                         | CC0627-CLOXPL | TCLP   | Lead      | 148000        | D  | 1150 | 6000  | ug/L  |
| Q2481-02                         | CC0627-CLOXPL | TCLP   | Silver    | 3110          | JD | 810  | 5000  | ug/L  |
| <b>Client ID : CC0625-OXBL</b>   |               |        |           |               |    |      |       |       |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Arsenic   | 43800         | D  | 2560 | 10000 | ug/L  |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Cadmium   | 9380          | D  | 250  | 3000  | ug/L  |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Chromium  | 1840          | JD | 1060 | 5000  | ug/L  |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Lead      | 1660          | JD | 1150 | 6000  | ug/L  |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Selenium  | 40400         | D  | 4820 | 10000 | ug/L  |
| Q2481-03                         | CC0625-OXBL   | TCLP   | Silver    | 2630000       | D  | 810  | 5000  | ug/L  |
| <b>Client ID : CC0627-AOXL</b>   |               |        |           |               |    |      |       |       |
| Q2481-04                         | CC0627-AOXL   | TCLP   | Cadmium   | 678           | JD | 125  | 1500  | ug/L  |
| Q2481-04                         | CC0627-AOXL   | TCLP   | Silver    | 11800         | D  | 405  | 2500  | ug/L  |
| <b>Client ID : CC0625-NL</b>     |               |        |           |               |    |      |       |       |
| Q2481-05                         | CC0625-NL     | TCLP   | Arsenic   | 701           | D  | 128  | 500   | ug/L  |
| Q2481-05                         | CC0625-NL     | TCLP   | Barium    | 434           | JD | 364  | 2500  | ug/L  |
| Q2481-05                         | CC0625-NL     | TCLP   | Chromium  | 67500         | D  | 53.0 | 250   | ug/L  |
| Q2481-05                         | CC0625-NL     | TCLP   | Lead      | 58.7          | JD | 57.5 | 300   | ug/L  |
| Q2481-05                         | CC0625-NL     | TCLP   | Silver    | 62.0          | JD | 40.5 | 250   | ug/L  |
| <b>Client ID : CC0267-OXPL</b>   |               |        |           |               |    |      |       |       |
| Q2481-06                         | CC0267-OXPL   | TCLP   | Cadmium   | 332           | JD | 125  | 1500  | ug/L  |
| Q2481-06                         | CC0267-OXPL   | TCLP   | Silver    | 6890          | D  | 405  | 2500  | ug/L  |
| <b>Client ID : CC0627-OXL</b>    |               |        |           |               |    |      |       |       |
| Q2481-07                         | CC0627-OXL    | TCLP   | Silver    | 3190          | D  | 405  | 2500  | ug/L  |
| <b>Client ID : CC0627-CLOXAL</b> |               |        |           |               |    |      |       |       |
| Q2481-08                         | CC0627-CLOXAL | TCLP   | Cadmium   | 6.41          | J  | 2.50 | 30.0  | ug/L  |
| Q2481-08                         | CC0627-CLOXAL | TCLP   | Chromium  | 3110          |    | 10.6 | 50.0  | ug/L  |
| Q2481-08                         | CC0627-CLOXAL | TCLP   | Lead      | 87.6          |    | 11.5 | 60.0  | ug/L  |

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

|                 |                                |                    |                   |
|-----------------|--------------------------------|--------------------|-------------------|
| <b>SDG No.:</b> | Q2481                          | <b>Order ID:</b>   | Q2481             |
| <b>Client:</b>  | Environmental Restoration, LLC | <b>Project ID:</b> | CC2-16 Analytical |

| Sample ID                      | Client ID     | Matrix | Parameter | Concentration | C  | MDL  | RDL   | Units |
|--------------------------------|---------------|--------|-----------|---------------|----|------|-------|-------|
| Q2481-08                       | CC0627-CLOXAL | TCLP   | Silver    | 13.6          | J  | 8.10 | 50.0  | ug/L  |
| <b>Client ID : CC0627-BL</b>   |               |        |           |               |    |      |       |       |
| Q2481-09                       | CC0627-BL     | TCLP   | Arsenic   | 29700         | D  | 2560 | 10000 | ug/L  |
| Q2481-09                       | CC0627-BL     | TCLP   | Cadmium   | 5350          | D  | 250  | 3000  | ug/L  |
| Q2481-09                       | CC0627-BL     | TCLP   | Selenium  | 61700         | D  | 4820 | 10000 | ug/L  |
| Q2481-09                       | CC0627-BL     | TCLP   | Silver    | 1670000       | D  | 810  | 5000  | ug/L  |
| <b>Client ID : CC0627-SFBL</b> |               |        |           |               |    |      |       |       |
| Q2481-10                       | CC0627-SFBL   | TCLP   | Arsenic   | 3970          | JD | 1280 | 5000  | ug/L  |
| Q2481-10                       | CC0627-SFBL   | TCLP   | Selenium  | 7850          | D  | 2410 | 5000  | ug/L  |
| Q2481-10                       | CC0627-SFBL   | TCLP   | Silver    | 25300         | D  | 405  | 2500  | ug/L  |



# SAMPLE DATA

## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-AL                      | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-01                       | Matrix:         | TCLP     |
| 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   | 256   | UD   | 10 | 256  | 1000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 728   | UD   | 10 | 728  | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 35.7  | JD   | 10 | 25.0 | 300        | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 1540  | D    | 10 | 106  | 500        | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 1580  | D    | 10 | 115  | 600        | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 2.40  |      | 1  | 0.76 | 2.00       | ug/L  | 07/07/25 13:50 | 07/08/25 10:17 | 7470A    |           |
| 7782-49-2 | Selenium  | 482   | UD   | 10 | 482  | 1000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 81.0  | UD   | 10 | 81.0 | 500        | ug/L  | 07/03/25 12:35 | 07/11/25 01:04 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Colorless       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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

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

## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-CLOXPL                  | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-02                       | Matrix:         | TCLP     |
| 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   | 2560   | UD   | 10 | 2560 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 7280   | UD   | 10 | 7280 | 50000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 7940   | D    | 10 | 250  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 1060   | UD   | 10 | 1060 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 148000 | D    | 10 | 1150 | 6000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60   | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:32 | 7470A    |           |
| 7782-49-2 | Selenium  | 4820   | UD   | 10 | 4820 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 3110   | JD   | 10 | 810  | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:34 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Brown           | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0625-OXBL                    | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-03                       | Matrix:         | TCLP     |
| 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   | 43800   | D    | 10 | 2560 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 7280    | UD   | 10 | 7280 | 50000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 9380    | D    | 10 | 250  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 1840    | JD   | 10 | 1060 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 1660    | JD   | 10 | 1150 | 6000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60    | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:34 | 7470A    |           |
| 7782-49-2 | Selenium  | 40400   | D    | 10 | 4820 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 2630000 | D    | 10 | 810  | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 01:39 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Brown           | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-AOXL                    | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-04                       | Matrix:         | TCLP     |
| 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   | 1280  | UD   | 5  | 1280 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 3640  | UD   | 5  | 3640 | 25000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 678   | JD   | 5  | 125  | 1500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 530   | UD   | 5  | 530  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 575   | UD   | 5  | 575  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60  | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:37 | 7470A    |           |
| 7782-49-2 | Selenium  | 2410  | UD   | 5  | 2410 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 11800 | D    | 5  | 405  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:27 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | light Brown     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0625-NL                      | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-05                       | Matrix:         | TCLP     |
| 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   | 701   | D    | 5  | 128  | 500        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 434   | JD   | 5  | 364  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 12.5  | UD   | 5  | 12.5 | 150        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 67500 | D    | 5  | 53.0 | 250        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 58.7  | JD   | 5  | 57.5 | 300        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.76  | U    | 1  | 0.76 | 2.00       | ug/L  | 07/07/25 13:50 | 07/08/25 10:39 | 7470A    |           |
| 7782-49-2 | Selenium  | 241   | UD   | 5  | 241  | 500        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 62.0  | JD   | 5  | 40.5 | 250        | ug/L  | 07/03/25 12:35 | 07/11/25 02:32 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Colorless       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0267-OXPL                    | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-06                       | Matrix:         | TCLP     |
| 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   | 1280  | UD   | 5  | 1280 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 3640  | UD   | 5  | 3640 | 25000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 332   | JD   | 5  | 125  | 1500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 530   | UD   | 5  | 530  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 575   | UD   | 5  | 575  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60  | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:42 | 7470A    |           |
| 7782-49-2 | Selenium  | 2410  | UD   | 5  | 2410 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 6890  | D    | 5  | 405  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:36 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Brown           | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-OXL                     | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-07                       | Matrix:         | TCLP     |
| 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   | 1280  | UD   | 5  | 1280 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 3640  | UD   | 5  | 3640 | 25000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 125   | UD   | 5  | 125  | 1500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 530   | UD   | 5  | 530  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 575   | UD   | 5  | 575  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60  | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:44 | 7470A    |           |
| 7782-49-2 | Selenium  | 2410  | UD   | 5  | 2410 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 3190  | D    | 5  | 405  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:41 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Brown           | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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.  
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 OR = Over Range  
 N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-CLOXAL                  | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-08                       | Matrix:         | TCLP     |
| 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   | 25.6  | U    | 1  | 25.6 | 100        | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 72.8  | U    | 1  | 72.8 | 500        | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 6.41  | J    | 1  | 2.50 | 30.0       | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 3110  |      | 1  | 10.6 | 50.0       | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 87.6  |      | 1  | 11.5 | 60.0       | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.76  | U    | 1  | 0.76 | 2.00       | ug/L  | 07/07/25 13:50 | 07/08/25 10:46 | 7470A    |           |
| 7782-49-2 | Selenium  | 48.2  | U    | 1  | 48.2 | 100        | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 13.6  | J    | 1  | 8.10 | 50.0       | ug/L  | 07/03/25 12:35 | 07/11/25 02:45 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Colorless       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-BL                      | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-09                       | Matrix:         | TCLP     |
| 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   | 29700   | D    | 10 | 2560 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 7280    | UD   | 10 | 7280 | 50000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 5350    | D    | 10 | 250  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 1060    | UD   | 10 | 1060 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 1150    | UD   | 10 | 1150 | 6000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 7.60    | UD   | 10 | 7.60 | 20.0       | ug/L  | 07/07/25 13:50 | 07/08/25 10:49 | 7470A    |           |
| 7782-49-2 | Selenium  | 61700   | D    | 10 | 4820 | 10000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 1670000 | D    | 10 | 810  | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:50 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Brown           | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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## Report of Analysis

|                   |                                |                 |          |
|-------------------|--------------------------------|-----------------|----------|
| Client:           | Environmental Restoration, LLC | Date Collected: | 06/27/25 |
| Project:          | CC2-16 Analytical              | Date Received:  | 06/27/25 |
| Client Sample ID: | CC0627-SFBL                    | SDG No.:        | Q2481    |
| Lab Sample ID:    | Q2481-10                       | Matrix:         | TCLP     |
| 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   | 3970  | JD   | 5  | 1280 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 3640  | UD   | 5  | 3640 | 25000      | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 125   | UD   | 5  | 125  | 1500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 530   | UD   | 5  | 530  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 575   | UD   | 5  | 575  | 3000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.76  | U    | 1  | 0.76 | 2.00       | ug/L  | 07/07/25 13:50 | 07/08/25 10:51 | 7470A    |           |
| 7782-49-2 | Selenium  | 7850  | D    | 5  | 2410 | 5000       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 25300 | D    | 5  | 405  | 2500       | ug/L  | 07/03/25 12:35 | 07/11/25 02:55 | 6010D    | SW3050    |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Yellow          | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP ICP Metals |                 |       |            |

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

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB19     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 09:04            | LB136391      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB61     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 09:12            | LB136391      |
| CCB62     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 09:50            | LB136391      |
| CCB63     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 10:26            | LB136391      |
| CCB64     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 10:56            | LB136391      |
| CCB65     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/08/2025       | 11:17            | LB136391      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 | 07/10/2025       | 18:55            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/10/2025       | 18:55            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/10/2025       | 18:55            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/10/2025       | 18:55            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/10/2025       | 18:55            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/10/2025       | 18:55            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/10/2025       | 18:55            | LB136434      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 | 07/10/2025       | 19:54            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/10/2025       | 19:54            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/10/2025       | 19:54            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/10/2025       | 19:54            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/10/2025       | 19:54            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/10/2025       | 19:54            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/10/2025       | 19:54            | LB136434      |
| CCB02     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/10/2025       | 21:04            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/10/2025       | 21:04            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/10/2025       | 21:04            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/10/2025       | 21:04            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/10/2025       | 21:04            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/10/2025       | 21:04            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/10/2025       | 21:04            | LB136434      |
| CCB03     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/10/2025       | 22:36            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/10/2025       | 22:36            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/10/2025       | 22:36            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/10/2025       | 22:36            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/10/2025       | 22:36            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/10/2025       | 22:36            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/10/2025       | 22:36            | LB136434      |
| CCB04     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/10/2025       | 23:53            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/10/2025       | 23:53            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/10/2025       | 23:53            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/10/2025       | 23:53            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/10/2025       | 23:53            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/10/2025       | 23:53            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/10/2025       | 23:53            | LB136434      |
| CCB05     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 00:51            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 00:51            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 00:51            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 00:51            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 00:51            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 00:51            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/11/2025       | 00:51            | LB136434      |
| CCB06     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 02:23            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 02:23            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 02:23            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 02:23            | LB136434      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 02:23            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 02:23            | LB136434      |
|           | Silver   | 4.87           | +/-5                | J            | 10.0 | P | 07/11/2025       | 02:23            | LB136434      |
| CCB07     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 03:26            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 03:26            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 03:26            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 03:26            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 03:26            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 03:26            | LB136434      |
|           | Silver   | 4.57           | +/-5                | J            | 10.0 | P | 07/11/2025       | 03:26            | LB136434      |
| CCB08     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 04:27            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 04:27            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 04:27            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 04:27            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 04:27            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 04:27            | LB136434      |
|           | Silver   | 6.06           | +/-5                | J*           | 10.0 | P | 07/11/2025       | 04:27            | LB136434      |
| CCB09     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 05:24            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 05:24            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 05:24            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 05:24            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 05:24            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 05:24            | LB136434      |
|           | Silver   | 2.97           | +/-5                | J            | 10.0 | P | 07/11/2025       | 05:24            | LB136434      |
| CCB10     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 06:21            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 06:21            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 06:21            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 06:21            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 06:21            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 06:21            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/11/2025       | 06:21            | LB136434      |
| CCB11     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/11/2025       | 06:47            | LB136434      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/11/2025       | 06:47            | LB136434      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/11/2025       | 06:47            | LB136434      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/11/2025       | 06:47            | LB136434      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/11/2025       | 06:47            | LB136434      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/11/2025       | 06:47            | LB136434      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/11/2025       | 06:47            | LB136434      |

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

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**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>PB168705TB</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168742</b> |    | <b>Prep Date:</b> | <b>07/07/2025</b> |          |
|                   | Mercury | 0.76             | <2                  | U                    | 2.00            | CV | 07/08/2025        | 11:03             | LB136391 |
| 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>PB168742BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168742</b> |    | <b>Prep Date:</b> | <b>07/07/2025</b> |          |
|                   | Mercury | 0.076            | <0.2                | U                    | 0.20            | CV | 07/08/2025        | 10:12             | LB136391 |

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

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Instrument:** P5

| 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>PB168705TB</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168712</b> |   | <b>Prep Date:</b> | <b>07/03/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 07/10/2025        | 22:07             | LB136434 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 07/10/2025        | 22:07             | LB136434 |
| 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>PB168712BL</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168712</b> |   | <b>Prep Date:</b> | <b>07/03/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 07/11/2025        | 00:25             | LB136434 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 07/11/2025        | 00:25             | LB136434 |



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV19     | Mercury | 4.09           | 4.0        | 102           | 90 - 110                  | CV | 07/08/2025       | 08:59            | LB136391      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV61     | Mercury | 4.96           | 5.0        | 99            | 90 - 110                  | CV | 07/08/2025       | 09:07            | LB136391      |
| CCV62     | Mercury | 5.11           | 5.0        | 102           | 90 - 110                  | CV | 07/08/2025       | 09:44            | LB136391      |
| CCV63     | Mercury | 5.25           | 5.0        | 105           | 90 - 110                  | CV | 07/08/2025       | 10:24            | LB136391      |
| CCV64     | Mercury | 4.93           | 5.0        | 99            | 90 - 110                  | CV | 07/08/2025       | 10:53            | LB136391      |
| CCV65     | Mercury | 5.01           | 5.0        | 100           | 90 - 110                  | CV | 07/08/2025       | 11:14            | LB136391      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2481

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 3950           | 4000       | 99            | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Barium   | 7860           | 8000       | 98            | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Cadmium  | 2050           | 2000       | 103           | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Chromium | 800            | 800        | 100           | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Lead     | 4060           | 4000       | 101           | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Selenium | 4190           | 4000       | 105           | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |
|           | Silver   | 911            | 1000       | 91            | 90 - 110                  | P | 07/10/2025       | 18:39            | LB136434      |



**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Arsenic  | 21.2           | 20.0       | 106           | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Barium   | 98.6           | 100        | 99            | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Cadmium  | 5.61           | 6.0        | 93            | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Chromium | 10.5           | 10.0       | 105           | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Lead     | 13.2           | 12.0       | 110           | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Selenium | 20.6           | 20.0       | 103           | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |
|           | Silver   | 10.9           | 10.0       | 110           | 80 - 120                  | P | 07/10/2025       | 18:51            | LB136434      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2481

**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  | 4910           | 5000       | 98            | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Barium   | 10200          | 10000      | 102           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Cadmium  | 2510           | 2500       | 100           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Chromium | 1010           | 1000       | 101           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Lead     | 4980           | 5000       | 100           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Selenium | 5060           | 5000       | 101           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
|           | Silver   | 1280           | 1250       | 103           | 90 - 110                  | P | 07/10/2025       | 19:43            | LB136434      |
| CCV02     | Arsenic  | 4640           | 5000       | 93            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Barium   | 9760           | 10000      | 98            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Cadmium  | 2380           | 2500       | 95            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Chromium | 962            | 1000       | 96            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Lead     | 4710           | 5000       | 94            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Selenium | 4800           | 5000       | 96            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
|           | Silver   | 1220           | 1250       | 97            | 90 - 110                  | P | 07/10/2025       | 20:59            | LB136434      |
| CCV03     | Arsenic  | 4830           | 5000       | 96            | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Barium   | 10000          | 10000      | 100           | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Cadmium  | 2480           | 2500       | 99            | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Chromium | 997            | 1000       | 100           | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Lead     | 4930           | 5000       | 99            | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Selenium | 4940           | 5000       | 99            | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 07/10/2025       | 22:32            | LB136434      |
| CCV04     | Arsenic  | 4600           | 5000       | 92            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Barium   | 9570           | 10000      | 96            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Cadmium  | 2350           | 2500       | 94            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Chromium | 957            | 1000       | 96            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Lead     | 4690           | 5000       | 94            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Selenium | 4700           | 5000       | 94            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
|           | Silver   | 1200           | 1250       | 96            | 90 - 110                  | P | 07/10/2025       | 23:29            | LB136434      |
| CCV05     | Arsenic  | 4750           | 5000       | 95            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
|           | Barium   | 9800           | 10000      | 98            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
|           | Cadmium  | 2410           | 2500       | 96            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
|           | Chromium | 978            | 1000       | 98            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
|           | Lead     | 4820           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
|           | Selenium | 4790           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2481

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1220           | 1250       | 97            | 90 - 110                  | P | 07/11/2025       | 00:47            | LB136434      |
| CCV06     | Arsenic  | 4780           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Barium   | 9810           | 10000      | 98            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Cadmium  | 2410           | 2500       | 96            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Chromium | 978            | 1000       | 98            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Lead     | 4820           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Selenium | 4810           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
|           | Silver   | 1220           | 1250       | 97            | 90 - 110                  | P | 07/11/2025       | 01:47            | LB136434      |
| CCV07     | Arsenic  | 4640           | 5000       | 93            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Barium   | 9540           | 10000      | 95            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Cadmium  | 2330           | 2500       | 93            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Chromium | 961            | 1000       | 96            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Lead     | 4670           | 5000       | 93            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Selenium | 4670           | 5000       | 94            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
|           | Silver   | 1200           | 1250       | 96            | 90 - 110                  | P | 07/11/2025       | 03:17            | LB136434      |
| CCV08     | Arsenic  | 4790           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Barium   | 9730           | 10000      | 97            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Cadmium  | 2400           | 2500       | 96            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Chromium | 987            | 1000       | 99            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Lead     | 4820           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Selenium | 4720           | 5000       | 94            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
|           | Silver   | 1220           | 1250       | 98            | 90 - 110                  | P | 07/11/2025       | 04:18            | LB136434      |
| CCV09     | Arsenic  | 4770           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Barium   | 9960           | 10000      | 100           | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Cadmium  | 2380           | 2500       | 95            | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Chromium | 1000           | 1000       | 100           | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Lead     | 4770           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Selenium | 4720           | 5000       | 94            | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
|           | Silver   | 1240           | 1250       | 99            | 90 - 110                  | P | 07/11/2025       | 05:19            | LB136434      |
| CCV10     | Arsenic  | 4790           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
|           | Barium   | 9830           | 10000      | 98            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
|           | Cadmium  | 2390           | 2500       | 96            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
|           | Chromium | 988            | 1000       | 99            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
|           | Lead     | 4800           | 5000       | 96            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Environmental Restoration, LLC  
**Contract:** ENVI60  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2481  
**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 |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV10     | Selenium | 4710           | 5000       | 94            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
|           | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 07/11/2025       | 06:16            | LB136434      |
| CCV11     | Arsenic  | 4750           | 5000       | 95            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Barium   | 9790           | 10000      | 98            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Cadmium  | 2370           | 2500       | 95            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Chromium | 982            | 1000       | 98            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Lead     | 4770           | 5000       | 95            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Selenium | 4660           | 5000       | 93            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |
|           | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 07/11/2025       | 06:43            | LB136434      |



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

**Metals**

**- 2b -**

**CRDL STANDARD FOR AA & ICP**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**Lab Code:** ACE

**Initial Calibration Source:** \_\_\_\_\_

**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury  | 0.25           | 0.2                | 125           | 70 - 130                  | CV | 07/08/2025       | 09:14            | LB136391      |
| <b>CRI01</b> | Arsenic  | 20.6           | 20.0               | 103           | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Barium   | 96.3           | 100                | 96            | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Cadmium  | 5.33           | 6.0                | 89            | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Chromium | 10.5           | 10.0               | 105           | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Lead     | 12.4           | 12.0               | 103           | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Selenium | 16.7           | 20.0               | 84            | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |
|              | Silver   | 10.5           | 10.0               | 105           | 65 - 135                  | P  | 07/10/2025       | 19:01            | LB136434      |

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

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| <b>Client:</b> <u>Environmental Restoration, LLC</u> | <b>SDG No.:</b> <u>Q2481</u>    |
| <b>Contract:</b> <u>ENVI60</u>                       | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>                        | <b>Instrument ID:</b> <u>P5</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  | 2.10           |                    |               | -20                    | 20                      | 07/10/2025       | 19:11            | LB136434      |
|                | Barium   | 5.81           | 6.0                | 97            | -94                    | 106                     | 07/10/2025       | 19:11            | LB136434      |
|                | Cadmium  | -0.49          | 1.0                | 49            | -5                     | 7                       | 07/10/2025       | 19:11            | LB136434      |
|                | Chromium | 48.9           | 52.0               | 94            | 42                     | 62                      | 07/10/2025       | 19:11            | LB136434      |
|                | Lead     | 0.44           |                    |               | -12                    | 12                      | 07/10/2025       | 19:11            | LB136434      |
|                | Selenium | 4.66           |                    |               | -20                    | 20                      | 07/10/2025       | 19:11            | LB136434      |
|                | Silver   | -1.13          |                    |               | -10                    | 10                      | 07/10/2025       | 19:11            | LB136434      |
| <b>ICSAB01</b> | Arsenic  | 92.1           | 100                | 92            | 88.4                   | 120                     | 07/10/2025       | 19:15            | LB136434      |
|                | Barium   | 505            | 540                | 94            | 437                    | 637                     | 07/10/2025       | 19:15            | LB136434      |
|                | Cadmium  | 972            | 970                | 100           | 826                    | 1120                    | 07/10/2025       | 19:15            | LB136434      |
|                | Chromium | 548            | 540                | 102           | 460                    | 624                     | 07/10/2025       | 19:15            | LB136434      |
|                | Lead     | 43.4           | 49.0               | 89            | 37                     | 61                      | 07/10/2025       | 19:15            | LB136434      |
|                | Selenium | 52.3           | 46.0               | 114           | 26                     | 66                      | 07/10/2025       | 19:15            | LB136434      |
|                | Silver   | 217            | 200                | 108           | 170                    | 232                     | 07/10/2025       | 19:15            | LB136434      |



# METAL QC DATA

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

|                                                      |                                     |                                                   |
|------------------------------------------------------|-------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Environmental Restoration, LLC</u> | <b>level:</b> <u>low</u>            | <b>sdg no.:</b> <u>Q2481</u>                      |
| <b>contract:</b> <u>ENVI60</u>                       |                                     | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                          | <b>sample id:</b> <u>Q2481-01</u>   | <b>client id:</b> <u>CC0627-ALMS</u>              |
| <b>Percent Solids for Sample:</b> <u>NA</u>          | <b>Spiked ID:</b> <u>Q2481-01MS</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               | 3770             | D  | 1000             | UD | 4000           | 99            |      | P  |
| Barium   | ug/L  | 75 - 125               | 1110             | JD | 5000             | UD | 1000           | 106           |      | P  |
| Cadmium  | ug/L  | 75 - 125               | 1120             | D  | 35.7             | JD | 1000           | 109           |      | P  |
| Chromium | ug/L  | 75 - 125               | 3750             | D  | 1540             | D  | 2000           | 110           |      | P  |
| Lead     | ug/L  | 75 - 125               | 6820             | D  | 1580             | D  | 5000           | 105           |      | P  |
| Mercury  | ug/L  | 75 - 125               | 41.9             |    | 2.40             |    | 40.0           | 99            |      | CV |
| Selenium | ug/L  | 75 - 125               | 10300            | D  | 1000             | UD | 10000          | 102           |      | P  |
| Silver   | ug/L  | 75 - 125               | 388              | JD | 500              | UD | 380            | 93            |      | P  |



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

|                                                      |                                      |                                                   |
|------------------------------------------------------|--------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>Environmental Restoration, LLC</u> | <b>level:</b> <u>low</u>             | <b>sdg no.:</b> <u>Q2481</u>                      |
| <b>contract:</b> <u>ENVI60</u>                       |                                      | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                          | <b>sample id:</b> <u>Q2481-01</u>    | <b>client id:</b> <u>CC0627-ALMSD</u>             |
| <b>Percent Solids for Sample:</b> <u>NA</u>          | <b>Spiked ID:</b> <u>Q2481-01MSD</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               | 3730          | D  | 1000             | UD | 4000           | 98            |      | P  |
| Barium   | ug/L  | 75 - 125               | 1130          | JD | 5000             | UD | 1000           | 108           |      | P  |
| Cadmium  | ug/L  | 75 - 125               | 1100          | D  | 35.7             | JD | 1000           | 107           |      | P  |
| Chromium | ug/L  | 75 - 125               | 3730          | D  | 1540             | D  | 2000           | 109           |      | P  |
| Lead     | ug/L  | 75 - 125               | 6660          | D  | 1580             | D  | 5000           | 102           |      | P  |
| Mercury  | ug/L  | 75 - 125               | 42.7          |    | 2.40             |    | 40.0           | 101           |      | CV |
| Selenium | ug/L  | 75 - 125               | 10000         | D  | 1000             | UD | 10000          | 99            |      | P  |
| Silver   | ug/L  | 75 - 125               | 381           | JD | 500              | UD | 380            | 92            |      | P  |



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

Metals  
- 5b -

Client: Environmental Restoration, LLC

Contract: ENVI60

Matrix:

Sample ID:

SDG No.: Q2481

Lab Code: ACE

Client ID:

Level: LOW

Spiked ID:

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

.....

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Environmental Restoration, LLC      **Level:** LOW      **SDG No.:** Q2481  
**Contract:** ENVI60      **Lab Code:** ACE  
**Matrix:** Water      **Sample ID:** Q2481-01      **Client ID:** CC0627-ALDUP  
**Percent Solids for Sample:** NA      **Duplicate ID** Q2481-01DUP      **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C  | Duplicate Result | C  | RPD | Qual | M  |
|----------|-------|------------------|---------------|----|------------------|----|-----|------|----|
| Arsenic  | ug/L  | 20               | 1000          | UD | 1000             | UD |     |      | P  |
| Barium   | ug/L  | 20               | 5000          | UD | 5000             | UD |     |      | P  |
| Cadmium  | ug/L  | 20               | 35.7          | JD | 35.4             | JD | 1   |      | P  |
| Chromium | ug/L  | 20               | 1540          | D  | 1510             | D  | 2   |      | P  |
| Lead     | ug/L  | 20               | 1580          | D  | 1490             | D  | 6   |      | P  |
| Mercury  | ug/L  | 20               | 2.40          |    | 2.62             |    | 9   |      | CV |
| Selenium | ug/L  | 20               | 1000          | UD | 1000             | UD |     |      | P  |
| Silver   | ug/L  | 20               | 500           | UD | 105              | JD |     |      | P  |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Environmental Restoration, LLC      **Level:** LOW      **SDG No.:** Q2481  
**Contract:** ENVI60      **Lab Code:** ACE  
**Matrix:** Water      **Sample ID:** Q2481-01MS      **Client ID:** CC0627-ALMSD  
**Percent Solids for Sample:** NA      **Duplicate ID** Q2481-01MSD      **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C  | Duplicate Result | C  | RPD | Qual | M  |
|----------|-------|------------------|---------------|----|------------------|----|-----|------|----|
| Arsenic  | ug/L  | 20               | 3770          | D  | 3730             | D  | 1   |      | P  |
| Barium   | ug/L  | 20               | 1110          | JD | 1130             | JD | 2   |      | P  |
| Cadmium  | ug/L  | 20               | 1120          | D  | 1100             | D  | 2   |      | P  |
| Chromium | ug/L  | 20               | 3750          | D  | 3730             | D  | 1   |      | P  |
| Lead     | ug/L  | 20               | 6820          | D  | 6660             | D  | 2   |      | P  |
| Mercury  | ug/L  | 20               | 41.9          |    | 42.7             |    | 2   |      | CV |
| Selenium | ug/L  | 20               | 10300         | D  | 10000            | D  | 3   |      | P  |
| Silver   | ug/L  | 20               | 388           | JD | 381              | JD | 2   |      | P  |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**Lab Code:** ACE

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168712BS |       |            |        |   |               |                      |   |
| Arsenic    | ug/L  | 4000       | 3540   |   | 88            | 80 - 120             | P |
| Barium     | ug/L  | 1000       | 1000   |   | 100           | 80 - 120             | P |
| Cadmium    | ug/L  | 1000       | 934    |   | 93            | 80 - 120             | P |
| Chromium   | ug/L  | 2000       | 2010   |   | 100           | 80 - 120             | P |
| Lead       | ug/L  | 5000       | 4680   |   | 94            | 80 - 120             | P |
| Selenium   | ug/L  | 10000      | 9760   |   | 98            | 80 - 120             | P |
| Silver     | ug/L  | 380        | 352    |   | 93            | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB168742BS<br>Mercury | ug/L  | 4.0        | 3.81   |   | 95            | 80 - 120             | CV |

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

**SAMPLE NO.**

CC0627-ALL

**Lab Name:** Alliance

**Contract:** ENVI60

**Lab Code:** ACE **Lb No.:** lb136434 **Lab Sample ID :** Q2481-01L **SDG No.:** Q2481

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

**Concentration Units:** ug/L

| Analyte  | Initial Sample Result (I) |    | Serial Dilution Result (S) |    | % Differ-ence | Q | M  |
|----------|---------------------------|----|----------------------------|----|---------------|---|----|
|          | C                         |    | C                          |    |               |   |    |
| Arsenic  | 1000                      | UD | 5000                       | UD |               |   | P  |
| Barium   | 5000                      | UD | 25000                      | UD |               |   | P  |
| Cadmium  | 35.7                      | JD | 1500                       | UD | 68            |   | P  |
| Chromium | 1540                      | D  | 1540                       | JD | 0             |   | P  |
| Lead     | 1580                      | D  | 1640                       | JD | 4             |   | P  |
| Mercury  | 2.40                      |    | 10.0                       | U  | 100.0         |   | CV |
| Selenium | 1000                      | UD | 5000                       | UD |               |   | P  |
| Silver   | 500                       | UD | 2500                       | UD |               |   | P  |

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

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Lab code:** ACE

**Sdg no.:** Q2481

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

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

**Run number:** LB136391

**Start date:** 07/08/2025

**End date:** 07/08/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0835 | HG             |
| S0.2           | S0.2             | 1   | 0837 | HG             |
| S2.5           | S2.5             | 1   | 0839 | HG             |
| S5             | S5               | 1   | 0842 | HG             |
| S7.5           | S7.5             | 1   | 0844 | HG             |
| S10            | S10              | 1   | 0852 | HG             |
| ICV19          | ICV19            | 1   | 0859 | HG             |
| ICB19          | ICB19            | 1   | 0904 | HG             |
| CCV61          | CCV61            | 1   | 0907 | HG             |
| CCB61          | CCB61            | 1   | 0912 | HG             |
| CRA            | CRA              | 1   | 0914 | HG             |
| CCV62          | CCV62            | 1   | 0944 | HG             |
| CCB62          | CCB62            | 1   | 0950 | HG             |
| PB168742BL     | PB168742BL       | 1   | 1012 | HG             |
| PB168742BS     | PB168742BS       | 1   | 1015 | HG             |
| Q2481-01       | CC0627-AL        | 1   | 1017 | HG             |
| Q2481-01DUP    | CC0627-ALDUP     | 1   | 1019 | HG             |
| Q2481-01MS     | CC0627-ALMS      | 1   | 1021 | HG             |
| CCV63          | CCV63            | 1   | 1024 | HG             |
| CCB63          | CCB63            | 1   | 1026 | HG             |
| Q2481-01MSD    | CC0627-ALMSD     | 1   | 1028 | HG             |
| Q2481-02       | CC0627-CLOXPL    | 10  | 1032 | HG             |
| Q2481-03       | CC0625-OXBL      | 10  | 1034 | HG             |
| Q2481-04       | CC0627-AOXL      | 10  | 1037 | HG             |
| Q2481-05       | CC0625-NL        | 1   | 1039 | HG             |
| Q2481-06       | CC0267-OXPL      | 10  | 1042 | HG             |
| Q2481-07       | CC0627-OXL       | 10  | 1044 | HG             |
| Q2481-08       | CC0627-CLOXAL    | 1   | 1046 | HG             |
| Q2481-09       | CC0627-BL        | 10  | 1049 | HG             |
| Q2481-10       | CC0627-SFBL      | 1   | 1051 | HG             |
| CCV64          | CCV64            | 1   | 1053 | HG             |
| CCB64          | CCB64            | 1   | 1056 | HG             |
| PB168705TB     | PB168705TB       | 1   | 1103 | HG             |
| Q2481-01L      | CC0627-ALL       | 5   | 1110 | HG             |
| CCV65          | CCV65            | 1   | 1114 | HG             |
| CCB65          | CCB65            | 1   | 1117 | HG             |



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

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Lab code:** ACE

**Sdg no.:** Q2481

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

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

**Run number:** LB136434

**Start date:** 07/10/2025

**End date:** 07/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list       |
|----------------|------------------|-----|------|----------------------|
| S0             | S0               | 1   | 1646 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S1             | S1               | 1   | 1650 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S2             | S2               | 1   | 1655 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S3             | S3               | 1   | 1659 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S4             | S4               | 1   | 1703 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S5             | S5               | 1   | 1707 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICV01          | ICV01            | 1   | 1839 | Ag,As,Ba,Cd,Cr,Pb,Se |
| LLICV01        | LLICV01          | 1   | 1851 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICB01          | ICB01            | 1   | 1855 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CRI01          | CRI01            | 1   | 1901 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSA01         | ICSA01           | 1   | 1911 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSAB01        | ICSAB01          | 1   | 1915 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV01          | CCV01            | 1   | 1943 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB01          | CCB01            | 1   | 1954 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV02          | CCV02            | 1   | 2059 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB02          | CCB02            | 1   | 2104 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168705TB     | PB168705TB       | 1   | 2207 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV03          | CCV03            | 1   | 2232 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB03          | CCB03            | 1   | 2236 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV04          | CCV04            | 1   | 2329 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB04          | CCB04            | 1   | 2353 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168712BL     | PB168712BL       | 1   | 0025 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168712BS     | PB168712BS       | 1   | 0030 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV05          | CCV05            | 1   | 0047 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB05          | CCB05            | 1   | 0051 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-01       | CC0627-AL        | 10  | 0104 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-01DUP    | CC0627-ALDUP     | 10  | 0109 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-01L      | CC0627-ALL       | 50  | 0114 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-01MS     | CC0627-ALMS      | 10  | 0119 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-01MSD    | CC0627-ALMSD     | 10  | 0124 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-02       | CC0627-CLOXPL    | 10  | 0134 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-03       | CC0625-OXBL      | 10  | 0139 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV06          | CCV06            | 1   | 0147 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB06          | CCB06            | 1   | 0223 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-04       | CC0627-AOXL      | 5   | 0227 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-05       | CC0625-NL        | 5   | 0232 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-06       | CC0267-OXPL      | 5   | 0236 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-07       | CC0627-OXL       | 5   | 0241 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-08       | CC0627-CLOXAL    | 1   | 0245 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-09       | CC0627-BL        | 10  | 0250 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2481-10       | CC0627-SFBL      | 5   | 0255 | Ag,As,Ba,Cd,Cr,Pb,Se |

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

**Client:** Environmental Restoration, LLC

**Contract:** ENVI60

**Lab code:** ACE

**Sdg no.:** Q2481

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

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

**Run number:** LB136434

**Start date:** 07/10/2025

**End date:** 07/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list       |
|----------------|------------------|-----|------|----------------------|
| CCV07          | CCV07            | 1   | 0317 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB07          | CCB07            | 1   | 0326 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV08          | CCV08            | 1   | 0418 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB08          | CCB08            | 1   | 0427 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV09          | CCV09            | 1   | 0519 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB09          | CCB09            | 1   | 0524 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV10          | CCV10            | 1   | 0616 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB10          | CCB10            | 1   | 0621 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV11          | CCV11            | 1   | 0643 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB11          | CCB11            | 1   | 0647 | Ag,As,Ba,Cd,Cr,Pb,Se |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000  | 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 |
| Lead     | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380  | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | -0.0001490 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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  |
| Barium   | 493.409                 | 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  |
| Lead     | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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  |
| Barium   | 493.409                 | 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 | 0.0000070 | 0.0002200 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000  |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000120 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
| Barium   | 493.409                 | 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 |
| Lead     | 220.353                 | 0.0000000                                | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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 |
| Barium   | 493.409                 | 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 |
| Lead     | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000 | 0.0000000 |



## LAB CHRONICLE

|                 |                                |                   |                     |
|-----------------|--------------------------------|-------------------|---------------------|
| <b>OrderID:</b> | Q2481                          | <b>OrderDate:</b> | 7/2/2025 8:24:39 AM |
| <b>Client:</b>  | Environmental Restoration, LLC | <b>Project:</b>   | CC2-16 Analytical   |
| <b>Contact:</b> | Ryan Simpson                   | <b>Location:</b>  | A13                 |

| LabID    | ClientID      | Matrix | Test            | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|---------------|--------|-----------------|--------|-------------|-----------|-----------|----------|
| Q2481-01 | CC0627-AL     | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-02 | CC0627-CLOXPL | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-03 | CC0625-OXBL   | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-04 | CC0627-AOXL   | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-05 | CC0625-NL     | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-06 | CC0267-OXPL   | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-07 | CC0627-OXL    | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-08 | CC0627-CLOXAL | TCLP   | TCLP ICP Metals | 6010D  | 06/27/25    | 07/03/25  | 07/11/25  | 06/27/25 |
|          |               |        | TCLP Mercury    | 7470A  |             | 07/07/25  | 07/08/25  |          |
| Q2481-09 | CC0627-BL     | TCLP   |                 |        | 06/27/25    |           |           | 06/27/25 |

### LAB CHRONICLE

|          |             |      |                 |       |          |          |          |          |
|----------|-------------|------|-----------------|-------|----------|----------|----------|----------|
| Q2481-10 | CC0627-SFBL | TCLP | TCLP ICP Metals | 6010D | 06/27/25 | 07/03/25 | 07/11/25 | 06/27/25 |
|          |             |      | TCLP Mercury    | 7470A |          | 07/07/25 | 07/08/25 |          |
|          |             |      | TCLP ICP Metals | 6010D |          | 07/03/25 | 07/11/25 |          |
|          |             |      | TCLP Mercury    | 7470A |          | 07/07/25 | 07/08/25 |          |



# METAL PREPARATION & ANALYICAL SUMMARY

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

**SAMPLE PREPARATION SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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: PB168712</b> |               |             |        |            |                         |                          |                |
| PB168705TB                    | PB168705TB    | MB          | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| PB168712BL                    | PB168712BL    | MB          | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| PB168712BS                    | PB168712BS    | LCS         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-01                      | CC0627-AL     | SAM         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-01DUP                   | CC0627-ALDUP  | DUP         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-01MS                    | CC0627-ALMS   | MS          | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-01MSD                   | CC0627-ALMSD  | MSD         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-02                      | CC0627-CLOXPL | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-03                      | CC0625-OBXL   | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-04                      | CC0627-AOXL   | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-05                      | CC0625-NL     | SAM         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-06                      | CC0627-OBXL   | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-07                      | CC0627-OBXL   | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-08                      | CC0627-CLOXAL | SAM         | WATER  | 07/03/2025 | 5.0                     | 25.0                     |                |
| Q2481-09                      | CC0627-BL     | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |
| Q2481-10                      | CC0627-SFBL   | SAM         | WATER  | 07/03/2025 | 0.5                     | 25.0                     |                |

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

**SAMPLE PREPARATION SUMMARY**

**Client:** Environmental Restoration, LLC

**SDG No.:** Q2481

**Contract:** ENVI60

**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: PB168742</b> |               |             |        |            |                         |                          |                |
| PB168705TB                    | PB168705TB    | MB          | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| PB168742BL                    | PB168742BL    | MB          | WATER  | 07/07/2025 | 30.0                    | 30.0                     |                |
| PB168742BS                    | PB168742BS    | LCS         | WATER  | 07/07/2025 | 30.0                    | 30.0                     |                |
| Q2481-01                      | CC0627-AL     | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-01DUP                   | CC0627-ALDUP  | DUP         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-01MS                    | CC0627-ALMS   | MS          | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-01MSD                   | CC0627-ALMSD  | MSD         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-02                      | CC0627-CLOXPL | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-03                      | CC0625-OBXL   | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-04                      | CC0627-AOXL   | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-05                      | CC0625-NL     | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-06                      | CC0627-OBPL   | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-07                      | CC0627-OBXL   | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-08                      | CC0627-CLOXAL | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-09                      | CC0627-BL     | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |
| Q2481-10                      | CC0627-SFBL   | SAM         | WATER  | 07/07/2025 | 3.0                     | 30.0                     |                |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136391**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | MOHAN                                           | Review On    | 7/9/2025 11:32:13 AM |
| Supervise By     | jaswal                                          | Supervise On | 7/9/2025 11:32:22 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86288,MP86289,MP86290,MP86291,MP86292,MP86293 |              |                      |
| ICV Standard     | MP86294                                         |              |                      |
| CCV Standard     | MP86296                                         |              |                      |
| ICSA Standard    |                                                 |              |                      |
| CRI Standard     | MP86298                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86295,MP86297,MP8699,MP86304                  |              |                      |

| Sr# | SampleId   | ClientID   | QcType   | Date           | Comment | Operator | Status |
|-----|------------|------------|----------|----------------|---------|----------|--------|
| 1   | S0         | S0         | CAL1     | 07/08/25 08:35 |         | MOHAN    | OK     |
| 2   | S0.2       | S0.2       | CAL2     | 07/08/25 08:37 |         | MOHAN    | OK     |
| 3   | S2.5       | S2.5       | CAL3     | 07/08/25 08:39 |         | MOHAN    | OK     |
| 4   | S5         | S5         | CAL4     | 07/08/25 08:42 |         | MOHAN    | OK     |
| 5   | S7.5       | S7.5       | CAL5     | 07/08/25 08:44 |         | MOHAN    | OK     |
| 6   | S10        | S10        | CAL6     | 07/08/25 08:52 |         | MOHAN    | OK     |
| 7   | ICV19      | ICV19      | ICV      | 07/08/25 08:59 |         | MOHAN    | OK     |
| 8   | ICB19      | ICB19      | ICB      | 07/08/25 09:04 |         | MOHAN    | OK     |
| 9   | CCV61      | CCV61      | CCV      | 07/08/25 09:07 |         | MOHAN    | OK     |
| 10  | CCB61      | CCB61      | CCB      | 07/08/25 09:12 |         | MOHAN    | OK     |
| 11  | CRA        | CRA        | CRDL     | 07/08/25 09:14 |         | MOHAN    | OK     |
| 12  | HighStd    | HighStd    | HIGH STD | 07/08/25 09:19 |         | MOHAN    | OK     |
| 13  | ChkStd     | ChkStd     | SAM      | 07/08/25 09:21 |         | MOHAN    | OK     |
| 14  | PB168741BL | PB168741BL | MB       | 07/08/25 09:24 |         | MOHAN    | OK     |
| 15  | PB168741BS | PB168741BS | LCS      | 07/08/25 09:30 |         | MOHAN    | OK     |
| 16  | Q2473-05   | PIT#1      | SAM      | 07/08/25 09:33 |         | MOHAN    | OK     |
| 17  | Q2473-06   | PIT#2      | SAM      | 07/08/25 09:35 |         | MOHAN    | OK     |
| 18  | Q2473-07   | PIT#3      | SAM      | 07/08/25 09:37 |         | MOHAN    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136391**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | MOHAN                                           | Review On    | 7/9/2025 11:32:13 AM |
| Supervise By     | jaswal                                          | Supervise On | 7/9/2025 11:32:22 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86288,MP86289,MP86290,MP86291,MP86292,MP86293 |              |                      |
| ICV Standard     | MP86294                                         |              |                      |
| CCV Standard     | MP86296                                         |              |                      |
| ICSA Standard    |                                                 |              |                      |
| CRI Standard     | MP86298                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86295,MP86297,MP8699,MP86304                  |              |                      |

|    |             |                 |     |                |                     |       |    |
|----|-------------|-----------------|-----|----------------|---------------------|-------|----|
| 19 | Q2473-08    | PIT#4           | SAM | 07/08/25 09:40 |                     | MOHAN | OK |
| 20 | Q2474-01    | FO-1            | SAM | 07/08/25 09:42 |                     | MOHAN | OK |
| 21 | CCV62       | CCV62           | CCV | 07/08/25 09:44 |                     | MOHAN | OK |
| 22 | CCB62       | CCB62           | CCB | 07/08/25 09:50 |                     | MOHAN | OK |
| 23 | Q2478-04    | WC-1            | SAM | 07/08/25 09:52 |                     | MOHAN | OK |
| 24 | Q2493-04    | WC-11           | SAM | 07/08/25 09:55 |                     | MOHAN | OK |
| 25 | Q2493-04DUP | WC-11DUP        | DUP | 07/08/25 09:57 |                     | MOHAN | OK |
| 26 | Q2493-04MS  | WC-11MS         | MS  | 07/08/25 10:05 |                     | MOHAN | OK |
| 27 | Q2493-04MSD | WC-11MSD        | MSD | 07/08/25 10:07 |                     | MOHAN | OK |
| 28 | PB168742BL  | PB168742BL      | MB  | 07/08/25 10:12 |                     | MOHAN | OK |
| 29 | PB168742BS  | PB168742BS      | LCS | 07/08/25 10:15 |                     | MOHAN | OK |
| 30 | Q2481-01    | CC0627-AL       | SAM | 07/08/25 10:17 |                     | MOHAN | OK |
| 31 | Q2481-01DUP | CC0627-ALDUP    | DUP | 07/08/25 10:19 |                     | MOHAN | OK |
| 32 | Q2481-01MS  | CC0627-ALMS     | MS  | 07/08/25 10:21 |                     | MOHAN | OK |
| 33 | CCV63       | CCV63           | CCV | 07/08/25 10:24 |                     | MOHAN | OK |
| 34 | CCB63       | CCB63           | CCB | 07/08/25 10:26 |                     | MOHAN | OK |
| 35 | Q2481-01MSD | CC0627-ALMSD    | MSD | 07/08/25 10:28 |                     | MOHAN | OK |
| 36 | Q2481-02DL  | CC0627-CLOXPLDL | SAM | 07/08/25 10:32 | Report Straight 10X | MOHAN | OK |
| 37 | Q2481-03DL  | CC0625-OBXBLDL  | SAM | 07/08/25 10:34 | Report Straight 10X | MOHAN | OK |
| 38 | Q2481-04DL  | CC0627-AOXLDL   | SAM | 07/08/25 10:37 | Report Straight 10X | MOHAN | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136391**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | MOHAN                                           | Review On    | 7/9/2025 11:32:13 AM |
| Supervise By     | jaswal                                          | Supervise On | 7/9/2025 11:32:22 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86288,MP86289,MP86290,MP86291,MP86292,MP86293 |              |                      |
| ICV Standard     | MP86294                                         |              |                      |
| CCV Standard     | MP86296                                         |              |                      |
| ICSA Standard    |                                                 |              |                      |
| CRI Standard     | MP86298                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86295,MP86297,MP8699,MP86304                  |              |                      |

|    |            |               |     |                |                     |       |    |
|----|------------|---------------|-----|----------------|---------------------|-------|----|
| 39 | Q2481-05   | CC0625-NL     | SAM | 07/08/25 10:39 |                     | MOHAN | OK |
| 40 | Q2481-06DL | CC0267-OXPLDL | SAM | 07/08/25 10:42 | Report Straight 10X | MOHAN | OK |
| 41 | Q2481-07DL | CC0627-OXLDL  | SAM | 07/08/25 10:44 | Report Straight 10X | MOHAN | OK |
| 42 | Q2481-08   | CC0627-CLOXAL | SAM | 07/08/25 10:46 |                     | MOHAN | OK |
| 43 | Q2481-09DL | CC0627-BLDL   | SAM | 07/08/25 10:49 | Report Straight 10X | MOHAN | OK |
| 44 | Q2481-10   | CC0627-SFBL   | SAM | 07/08/25 10:51 |                     | MOHAN | OK |
| 45 | CCV64      | CCV64         | CCV | 07/08/25 10:53 |                     | MOHAN | OK |
| 46 | CCB64      | CCB64         | CCB | 07/08/25 10:56 |                     | MOHAN | OK |
| 47 | PB168689TB | PB168689TB    | MB  | 07/08/25 10:58 |                     | MOHAN | OK |
| 48 | PB168705TB | PB168705TB    | MB  | 07/08/25 11:03 |                     | MOHAN | OK |
| 49 | Q2493-04L  | WC-11L        | SD  | 07/08/25 11:05 |                     | MOHAN | OK |
| 50 | Q2493-04A  | WC-11A        | PS  | 07/08/25 11:07 |                     | MOHAN | OK |
| 51 | Q2481-01L  | CC0627-ALL    | SD  | 07/08/25 11:10 |                     | MOHAN | OK |
| 52 | Q2481-01A  | CC0627-ALA    | PS  | 07/08/25 11:12 |                     | MOHAN | OK |
| 53 | CCV65      | CCV65         | CCV | 07/08/25 11:14 |                     | MOHAN | OK |
| 54 | CCB65      | CCB65         | CCB | 07/08/25 11:17 |                     | MOHAN | OK |



Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

| Sr# | SampleId | ClientID          | QcType | Date           | Comment                               | Operator | Status |
|-----|----------|-------------------|--------|----------------|---------------------------------------|----------|--------|
| 1   | S0       | S0                | CAL1   | 07/10/25 16:46 |                                       | Janvi    | OK     |
| 2   | S1       | S1                | CAL2   | 07/10/25 16:50 |                                       | Janvi    | OK     |
| 3   | S2       | S2                | CAL3   | 07/10/25 16:55 |                                       | Janvi    | OK     |
| 4   | S3       | S3                | CAL4   | 07/10/25 16:59 |                                       | Janvi    | OK     |
| 5   | S4       | S4                | CAL5   | 07/10/25 17:03 |                                       | Janvi    | OK     |
| 6   | S5       | S5                | CAL6   | 07/10/25 17:07 |                                       | Janvi    | OK     |
| 7   | ICV01    | ICV01             | ICV    | 07/10/25 18:39 | ICV fail for K,Ag (200.7)<br>(95-105) | Janvi    | OK     |
| 8   | LLICV01  | LLICV01           | LLICV  | 07/10/25 18:51 |                                       | Janvi    | OK     |
| 9   | ICB01    | ICB01             | ICB    | 07/10/25 18:55 |                                       | Janvi    | OK     |
| 10  | CRI01    | CRI01             | CRDL   | 07/10/25 19:01 |                                       | Janvi    | OK     |
| 11  | ICSA01   | ICSA01            | ICSA   | 07/10/25 19:11 |                                       | Janvi    | OK     |
| 12  | ICSAB01  | ICSAB01           | ICSAB  | 07/10/25 19:15 |                                       | Janvi    | OK     |
| 13  | ICSADL   | ICSADL            | ICSA   | 07/10/25 19:20 |                                       | Janvi    | OK     |
| 14  | ICSABDL  | ICSABDL           | ICSAB  | 07/10/25 19:24 |                                       | Janvi    | OK     |
| 15  | CCV01    | CCV01             | CCV    | 07/10/25 19:43 |                                       | Janvi    | OK     |
| 16  | CCB01    | CCB01             | CCB    | 07/10/25 19:54 |                                       | Janvi    | OK     |
| 17  | Q2532-01 | 001-WILLETS-PT-BL | SAM    | 07/10/25 19:58 |                                       | Janvi    | OK     |
| 18  | Q2532-02 | 002-35th-Ave(May) | SAM    | 07/10/25 20:03 |                                       | Janvi    | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

|    |             |                    |     |                |                           |       |          |
|----|-------------|--------------------|-----|----------------|---------------------------|-------|----------|
| 19 | Q2533-01    | 001 WILLETS PT BLV | SAM | 07/10/25 20:08 |                           | Janvi | OK       |
| 20 | Q2533-02    | 002-35th-Ave(JUNE) | SAM | 07/10/25 20:12 |                           | Janvi | OK       |
| 21 | Q2509-01    | AUD-25-0110-0111   | SAM | 07/10/25 20:17 |                           | Janvi | OK       |
| 22 | Q2512-01    | WATER TREATMENT    | SAM | 07/10/25 20:21 |                           | Janvi | OK       |
| 23 | Q2520-04    | A-4                | SAM | 07/10/25 20:26 |                           | Janvi | OK       |
| 24 | Q2520-04DUP | A-4DUP             | DUP | 07/10/25 20:30 | Wrong Qc                  | Janvi | Not Ok   |
| 25 | Q2520-04L   | A-4L               | SD  | 07/10/25 20:35 | Wrong Qc                  | Janvi | Not Ok   |
| 26 | Q2520-04MS  | A-4MS              | MS  | 07/10/25 20:55 | Wrong Qc , confirm wt/vol | Janvi | Not Ok   |
| 27 | CCV02       | CCV02              | CCV | 07/10/25 20:59 |                           | Janvi | OK       |
| 28 | CCB02       | CCB02              | CCB | 07/10/25 21:04 |                           | Janvi | OK       |
| 29 | Q2520-04MSD | A-4MSD             | MSD | 07/10/25 21:09 | Wrong Qc , confirm wt/vol | Janvi | Not Ok   |
| 30 | Q2520-04A   | A-4A               | PS  | 07/10/25 21:14 | Wrong Qc                  | Janvi | Not Ok   |
| 31 | PB168772BL  | PB168772BL         | MB  | 07/10/25 21:18 | LCS fail for Fe           | Janvi | Not Ok   |
| 32 | Q2512-01DUP | WATER TREATMENT    | DUP | 07/10/25 21:27 | K oversaturated           | Janvi | Dilution |
| 33 | PB168772BS  | PB168772BS         | LCS | 07/10/25 21:31 | LCS fail for Fe           | Janvi | Not Ok   |
| 34 | Q2512-01L   | WATER TREATMENT    | SD  | 07/10/25 21:36 |                           | Janvi | OK       |
| 35 | Q2512-01MS  | WATER TREATMENT    | MS  | 07/10/25 21:50 | K oversaturated           | Janvi | Dilution |
| 36 | Q2512-01MSD | WATER TREATMENT    | MSD | 07/10/25 21:59 | K oversaturated           | Janvi | Dilution |
| 37 | Q2512-01A   | WATER TREATMENT    | PS  | 07/10/25 22:03 | K oversaturated           | Janvi | Dilution |
| 38 | PB168705TB  | PB168705TB         | MB  | 07/10/25 22:07 |                           | Janvi | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

|    |               |                 |     |                |                |       |          |
|----|---------------|-----------------|-----|----------------|----------------|-------|----------|
| 39 | CCV03         | CCV03           | CCV | 07/10/25 22:32 |                | Janvi | OK       |
| 40 | CCB03         | CCB03           | CCB | 07/10/25 22:36 |                | Janvi | OK       |
| 41 | Q2477-01      | 50728           | SAM | 07/10/25 22:41 | confirm wt/vol | Janvi | OK       |
| 42 | Q2477-01DUP   | 50728DUP        | DUP | 07/10/25 22:45 |                | Janvi | OK       |
| 43 | Q2477-01L     | 50728L          | SD  | 07/10/25 22:49 |                | Janvi | OK       |
| 44 | Q2477-01MS    | 50728MS         | MS  | 07/10/25 22:54 |                | Janvi | OK       |
| 45 | Q2477-01MSD   | 50728MSD        | MSD | 07/10/25 22:58 |                | Janvi | OK       |
| 46 | Q2477-01A     | 50728A          | PS  | 07/10/25 23:02 |                | Janvi | OK       |
| 47 | Q2473-07      | PIT#3           | SAM | 07/10/25 23:07 |                | Janvi | OK       |
| 48 | Q2473-08      | PIT#4           | SAM | 07/10/25 23:11 |                | Janvi | OK       |
| 49 | PB168748BL    | PB168748BL      | MB  | 07/10/25 23:16 |                | Janvi | OK       |
| 50 | PB168748BS    | PB168748BS      | LCS | 07/10/25 23:20 |                | Janvi | OK       |
| 51 | CCV04         | CCV04           | CCV | 07/10/25 23:29 |                | Janvi | OK       |
| 52 | CCB04         | CCB04           | CCB | 07/10/25 23:53 |                | Janvi | OK       |
| 53 | Q2512-01DL    | WATER TREATMENT | SAM | 07/10/25 23:57 | 5x for K       | Janvi | Confirms |
| 54 | Q2512-01DUPDL | WATER TREATMENT | DUP | 07/11/25 00:02 | 5x for K       | Janvi | Confirms |
| 55 | Q2512-01LDL   | WATER TREATMENT | SD  | 07/11/25 00:07 |                | Janvi | OK       |
| 56 | Q2512-01MSDL  | WATER TREATMENT | MS  | 07/11/25 00:11 | 5x for K       | Janvi | Confirms |
| 57 | Q2512-01MSDDL | WATER TREATMENT | MSD | 07/11/25 00:16 | 5x for K       | Janvi | Confirms |
| 58 | Q2512-01ADL   | WATER TREATMENT | PS  | 07/11/25 00:20 | 5x for K       | Janvi | Confirms |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

|    |               |                 |     |                |                               |       |    |
|----|---------------|-----------------|-----|----------------|-------------------------------|-------|----|
| 59 | PB168712BL    | PB168712BL      | MB  | 07/11/25 00:25 |                               | Janvi | OK |
| 60 | PB168712BS    | PB168712BS      | LCS | 07/11/25 00:30 |                               | Janvi | OK |
| 61 | PB168740BL    | PB168740BL      | MB  | 07/11/25 00:34 |                               | Janvi | OK |
| 62 | PB168740BS    | PB168740BS      | LCS | 07/11/25 00:38 |                               | Janvi | OK |
| 63 | CCV05         | CCV05           | CCV | 07/11/25 00:47 |                               | Janvi | OK |
| 64 | CCB05         | CCB05           | CCB | 07/11/25 00:51 |                               | Janvi | OK |
| 65 | PB168739BL    | PB168739BL      | MB  | 07/11/25 00:56 |                               | Janvi | OK |
| 66 | PB168739BS    | PB168739BS      | LCS | 07/11/25 01:00 |                               | Janvi | OK |
| 67 | Q2481-01DL    | CC0627-ALDL     | SAM | 07/11/25 01:04 | Straight 10x for All elements | Janvi | OK |
| 68 | Q2481-01DUPDL | CC0627-ALDUPDL  | DUP | 07/11/25 01:09 | Straight 10x for All elements | Janvi | OK |
| 69 | Q2481-01LDL   | CC0627-ALLDL    | SD  | 07/11/25 01:14 | Straight 50x for All elements | Janvi | OK |
| 70 | Q2481-01MSDL  | CC0627-ALMSDL   | MS  | 07/11/25 01:19 | Straight 10x for All elements | Janvi | OK |
| 71 | Q2481-01MSDDL | CC0627-ALMSDDL  | MSD | 07/11/25 01:24 | Straight 10x for All elements | Janvi | OK |
| 72 | Q2481-01ADL   | CC0627-ALADL    | PS  | 07/11/25 01:29 | Straight 10x for All elements | Janvi | OK |
| 73 | Q2481-02DL    | CC0627-CLOXPLDL | SAM | 07/11/25 01:34 | Straight 10x for All elements | Janvi | OK |
| 74 | Q2481-03DL    | CC0625-0XBLDL   | SAM | 07/11/25 01:39 | Straight 10x for All elements | Janvi | OK |
| 75 | CCV06         | CCV06           | CCV | 07/11/25 01:47 |                               | Janvi | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

|    |             |                |     |                |                               |       |          |
|----|-------------|----------------|-----|----------------|-------------------------------|-------|----------|
| 76 | CCB06       | CCB06          | CCB | 07/11/25 02:23 |                               | Janvi | OK       |
| 77 | Q2481-04DL  | CC0627-AOXLDL  | SAM | 07/11/25 02:27 | Straight 5x for All elements  | Janvi | OK       |
| 78 | Q2481-05DL  | CC0625-NLDL    | SAM | 07/11/25 02:32 | Straight 5x for All elements  | Janvi | OK       |
| 79 | Q2481-06DL  | CC0267-OXPLDL  | SAM | 07/11/25 02:36 | Straight 5x for All elements  | Janvi | OK       |
| 80 | Q2481-07DL  | CC0627-OXLDL   | SAM | 07/11/25 02:41 | Straight 5x for All elements  | Janvi | OK       |
| 81 | Q2481-08    | CC0627-CLOXAL  | SAM | 07/11/25 02:45 |                               | Janvi | OK       |
| 82 | Q2481-09DL  | CC0627-BLDL    | SAM | 07/11/25 02:50 | Straight 10x for All elements | Janvi | OK       |
| 83 | Q2481-10DL  | CC0627-SFBLDL  | SAM | 07/11/25 02:55 | Straight 5x for All elements  | Janvi | OK       |
| 84 | Q2481-03DL2 | CC0625-OXBLDL2 | SAM | 07/11/25 02:59 | NOT USE                       | Janvi | Not Ok   |
| 85 | Q2487-11DL  | G3(0-6)DL      | SAM | 07/11/25 03:04 | 5x for Zn, Still Zn high      | Janvi | Dilution |
| 86 | Q2487-16DL  | G1(6-12)DL     | SAM | 07/11/25 03:08 | 5x for Zn, Still Zn high      | Janvi | Dilution |
| 87 | CCV07       | CCV07          | CCV | 07/11/25 03:17 |                               | Janvi | OK       |
| 88 | CCB07       | CCB07          | CCB | 07/11/25 03:26 |                               | Janvi | OK       |
| 89 | Q2487-14DL  | G2(6-12)DL     | SAM | 07/11/25 03:30 | 5x for Zn                     | Janvi | Confirms |
| 90 | Q2520-21    | A-21           | SAM | 07/11/25 03:34 |                               | Janvi | OK       |
| 91 | Q2520-22    | A-22           | SAM | 07/11/25 03:39 |                               | Janvi | OK       |
| 92 | Q2520-23    | A-23           | SAM | 07/11/25 03:43 |                               | Janvi | OK       |
| 93 | PB168771BL  | PB168771BL     | MB  | 07/11/25 03:48 |                               | Janvi | OK       |
| 94 | PB168771BS  | PB168771BS     | LCS | 07/11/25 03:52 |                               | Janvi | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
| Supervise By     | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard     | MP86219                                         |              |                      |
| CCV Standard     | MP86216                                         |              |                      |
| ICSA Standard    | MP86214,MP86220                                 |              |                      |
| CRI Standard     | MP86212                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86217,MP86218                                 |              |                      |

|     |            |       |     |                |                 |       |        |
|-----|------------|-------|-----|----------------|-----------------|-------|--------|
| 95  | Q2520-01   | A-1   | SAM | 07/11/25 03:56 |                 | Janvi | OK     |
| 96  | Q2520-02   | A-2   | SAM | 07/11/25 04:01 |                 | Janvi | OK     |
| 97  | Q2520-03   | A-3   | SAM | 07/11/25 04:05 |                 | Janvi | OK     |
| 98  | Q2520-04RE | A-4RE | SAM | 07/11/25 04:10 | NOT USE         | Janvi | Not Ok |
| 99  | CCV08      | CCV08 | CCV | 07/11/25 04:18 |                 | Janvi | OK     |
| 100 | CCB08      | CCB08 | CCB | 07/11/25 04:27 | CCB fail for Ag | Janvi | OK     |
| 101 | Q2520-05   | A-5   | SAM | 07/11/25 04:31 |                 | Janvi | OK     |
| 102 | Q2520-06   | A-6   | SAM | 07/11/25 04:36 | Bad injection   | Janvi | Not Ok |
| 103 | Q2520-07   | A-7   | SAM | 07/11/25 04:40 |                 | Janvi | OK     |
| 104 | Q2520-08   | A-8   | SAM | 07/11/25 04:44 |                 | Janvi | OK     |
| 105 | Q2520-09   | A-9   | SAM | 07/11/25 04:49 |                 | Janvi | OK     |
| 106 | Q2520-10   | A-10  | SAM | 07/11/25 04:53 |                 | Janvi | OK     |
| 107 | Q2520-11   | A-11  | SAM | 07/11/25 04:58 |                 | Janvi | OK     |
| 108 | Q2520-12   | A-12  | SAM | 07/11/25 05:02 |                 | Janvi | OK     |
| 109 | Q2520-13   | A-13  | SAM | 07/11/25 05:06 |                 | Janvi | OK     |
| 110 | Q2520-14   | A-14  | SAM | 07/11/25 05:11 |                 | Janvi | OK     |
| 111 | CCV09      | CCV09 | CCV | 07/11/25 05:19 |                 | Janvi | OK     |
| 112 | CCB09      | CCB09 | CCB | 07/11/25 05:24 |                 | Janvi | OK     |
| 113 | Q2520-15   | A-15  | SAM | 07/11/25 05:33 |                 | Janvi | OK     |
| 114 | Q2520-16   | A-16  | SAM | 07/11/25 05:37 |                 | Janvi | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136434**

| Review By     | jaswal                                          | Review On    | 7/12/2025 3:14:54 AM |
|---------------|-------------------------------------------------|--------------|----------------------|
| Supervise By  | janvi                                           | Supervise On | 7/14/2025 9:24:14 AM |
| STD. NAME     | STD REF.#                                       |              |                      |
| ICAL Standard | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                      |
| ICV Standard  | MP86219                                         |              |                      |
| CCV Standard  | MP86216                                         |              |                      |
| ICSA Standard | MP86214,MP86220                                 |              |                      |
| CRI Standard  | MP86212                                         |              |                      |
| LCS Standard  |                                                 |              |                      |
| Chk Standard  | MP86217,MP86218                                 |              |                      |

|     |             |         |     |                |  |       |    |
|-----|-------------|---------|-----|----------------|--|-------|----|
| 115 | Q2520-17    | A-17    | SAM | 07/11/25 05:41 |  | Janvi | OK |
| 116 | Q2520-18    | A-18    | SAM | 07/11/25 05:46 |  | Janvi | OK |
| 117 | Q2520-19    | A-19    | SAM | 07/11/25 05:50 |  | Janvi | OK |
| 118 | Q2520-20    | A-20    | SAM | 07/11/25 05:55 |  | Janvi | OK |
| 119 | Q2520-20DUP | A-20DUP | DUP | 07/11/25 05:59 |  | Janvi | OK |
| 120 | Q2520-20L   | A-20L   | SD  | 07/11/25 06:03 |  | Janvi | OK |
| 121 | Q2520-20MS  | A-20MS  | MS  | 07/11/25 06:08 |  | Janvi | OK |
| 122 | CCV10       | CCV10   | CCV | 07/11/25 06:16 |  | Janvi | OK |
| 123 | CCB10       | CCB10   | CCB | 07/11/25 06:21 |  | Janvi | OK |
| 124 | Q2520-20MSD | A-20MSD | MSD | 07/11/25 06:30 |  | Janvi | OK |
| 125 | Q2520-20A   | A-20A   | PS  | 07/11/25 06:34 |  | Janvi | OK |
| 126 | CCV11       | CCV11   | CCV | 07/11/25 06:43 |  | Janvi | OK |
| 127 | CCB11       | CCB11   | CCB | 07/11/25 06:47 |  | Janvi | OK |

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 07/03/2025 Time : 12:35 Temp : 96 °C

End Digest Date: 07/03/2025 Time : 15:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6007               |
| LFS-2         | 0.25     | M6015               |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| CONC: HNO3    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location                   |
|----------------|-----------------------------------------|----------------------------------------|
| 07/03/25 16:40 | <i>SKS met dis</i>                      | <i>[Signature]</i> <i>to each cell</i> |
|                | Preparation Group                       | Analysis Group                         |



| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB168705TB    | PB168705TB       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 25       |
| PB168712BL    | PBW712           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 26       |
| PB168712BS    | LCS712           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6015 | 27       |
| Q2481-01MS    | CC0627-ALMS      | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6015 | 30       |
| Q2481-01MSD   | CC0627-ALMSD     | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6015 | 31       |
| Q2481-01DUP   | CC0627-ALDUP     | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 29       |
| Q2481-01      | CC0627-AL        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 28       |
| Q2481-02      | CC0627-CLOXPL    | <2 | 0.50             | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 32       |
| Q2481-03      | CC0625-0XBL      | <2 | 0.50             | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 33       |
| Q2481-04      | CC0627-AOXL      | <2 | 0.50             | 25             | light Brown  | Colorless   | Clear          | Clear         | N/A         | 34       |
| Q2481-05      | CC0625-NL        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 35       |
| Q2481-06      | CC0267-0XPL      | <2 | 0.50             | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 36       |
| Q2481-07      | CC0627-0XL       | <2 | 0.50             | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 37       |
| Q2481-08      | CC0627-CLOXAL    | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 38       |
| Q2481-09      | CC0627-BL        | <2 | 0.50             | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 39       |
| Q2481-10      | CC0627-SFBL      | <2 | 0.50             | 25             | Yellow       | Colorless   | Clear          | Clear         | N/A         | 40       |

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/07/2025 Time : 13:50 Temp : 95 °C

End Digest Date: 07/07/2025 Time : 15:50 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP86294             |
| CCV               | 30mL     | MP86296             |
| CRA               | 30mL     | MP86298             |
| Blank Spike       | 0.48mL   | MP86287             |
| Matrix Spike      | 0.48mL   | MP86287             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| HNO3/H2SO4(1:2)         | 2.25mL         | MP85892    |
| KMnO4 (5%)              | 4.5mL          | MP85893    |
| K2S2O8 (5%)             | 2.4mL          | MP85894    |
| Hydroxylamine HCL (12%) | 1.8mL          | MP85895    |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP86288 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP862   |
| 2.5 ppb       | S2.5             | 30mL          | MP86290 |
| 5.0 ppb       | S5.0             | 30mL          | MP86291 |
| 7.5 ppb       | S7.5             | 30mL          | MP86292 |
| 10.0 ppb      | S10.0            | 30mL          | MP86293 |
| ICV           | ICV              | 30mL          | MP86294 |
| ICB           | ICB              | 30mL          | MP86295 |
| CCV           | CCV              | 30mL          | MP86296 |
| CCB           | CCB              | 30mL          | MP86297 |
| CRI           | CRI              | 30mL          | MP86298 |
| CHK STD       | CHK STD          | 30mL          | MP86299 |

## Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time  | Prepped Sample Relinquished By/Location | Received By/Location |
|--------------|-----------------------------------------|----------------------|
| 3/1/25 16:00 | AB- Dig - Lab                           | AB-metal Lab         |
|              | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|------------------|----------------|----|---------|----------|
| PB168705TB    | PB168705TB       | 3                | 30             | <2 | N/A     | 3-14     |
| PB168742BL    | PBW742           | 30               | 30             | <2 | N/A     | 15       |
| PB168742BS    | LCS742           | 30               | 30             | <2 | MP86287 | 16       |
| Q2481-01DUP   | CC0627-ALDUP     | 3                | 30             | <2 | N/A     | 18       |
| Q2481-01MS    | CC0627-ALMS      | 3                | 30             | <2 | MP86287 | 19       |
| Q2481-01MSD   | CC0627-ALMSD     | 3                | 30             | <2 | MP86287 | 20       |
| Q2481-01      | CC0627-AL        | 3                | 30             | <2 | N/A     | 17       |
| Q2481-02      | CC0627-CLOXPL    | 3                | 30             | <2 | N/A     | 21       |
| Q2481-03      | CC0625-0XB       | 3                | 30             | <2 | N/A     | 22       |
| Q2481-04      | CC0627-AOXL      | 3                | 30             | <2 | N/A     | 23       |
| Q2481-05      | CC0625-NL        | 3                | 30             | <2 | N/A     | 24       |
| Q2481-06      | CC0267-0XPL      | 3                | 30             | <2 | N/A     | 25       |
| Q2481-07      | CC0627-0XL       | 3                | 30             | <2 | N/A     | 26       |
| Q2481-08      | CC0627-CLOXAL    | 3                | 30             | <2 | N/A     | 27       |
| Q2481-09      | CC0627-BL        | 3                | 30             | <2 | N/A     | 28       |
| Q2481-10      | CC0627-SFBL      | 3                | 30             | <2 | N/A     | 29       |

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A Time : N/A

End Prep Date : N/A Time : N/A

Combination Ratio : N/A

ZHE Cleaning Batch : 10 N/A

Initial Room Temperature : N/A

Final Room Temperature : N/A

TCLP Technician Signature : *JP*

Supervisor By : 12

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used        | ML/SAMPLE U | Lot Number              |
|----------------------|-------------|-------------------------|
| N/A                  | N/A         | N/A                     |
| N/A                  | N/A         | N/A                     |
| HNO3-TCLP,1N         | N/A         | WP112799                |
| pH Strips            | N/A         | W1931,W1934,W3171,W3172 |
| pH Strips            | N/A         | W3166,W1938,W1939,      |
| N/A                  | N/A         | N/A                     |
| 120ml Plastic bottle | N/A         | 2738                    |
| 1:1 HNO3             | N/A         | MP84041                 |

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. q2481-01 is used for MS-MSD.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location      |
|----------------|-----------------------------------------|---------------------------|
| 07/10/15 11:00 | <i>JP</i> 100 Room                      | <i>SIB</i> <i>int dig</i> |
|                | Preparation Group                       | Analysis Group            |

| Sample ID  | ClientID      | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|---------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB168705TB | LEB705        | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 4.94              | 1.0                     | N/A      |
| Q2481-01   | CC0627-AL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 1.5               | N/A                     | N/A      |
| Q2481-02   | CC0627-CLOXPL | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 5.0               | 1.5                     | N/A      |
| Q2481-03   | CC0625-0XBL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |
| Q2481-04   | CC0627-AOXL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 1.5               | N/A                     | N/A      |
| Q2481-05   | CC0625-NL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 10.0              | 1.5                     | N/A      |
| Q2481-06   | CC0267-0XPL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 6.0               | 1.0                     | N/A      |
| Q2481-07   | CC0627-0XL    | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 6.0               | 1.5                     | N/A      |
| Q2481-08   | CC0627-CLOXAL | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 5.0               | 1.5                     | N/A      |
| Q2481-09   | CC0627-BL     | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |
| Q2481-10   | CC0627-SFBL   | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 14.0              | 1.5                     | N/A      |

| SampleID   | ClientID      | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|---------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| PB168705TB | LEB705        | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |
| Q2481-01   | CC0627-AL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-02   | CC0627-CLOXPL | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-03   | CC0625-OXBL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-04   | CC0627-AOXL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-05   | CC0625-NL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-06   | CC0267-OXPL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-07   | CC0627-OXL    | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-08   | CC0627-CLOXAL | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-09   | CC0627-BL     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q2481-10   | CC0627-SFBL   | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |

Hot Block ID : N/A

Thermometer ID : N/A

| SampleID   | ClientID      | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|---------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| PB168705TB | LEB705        | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-01   | CC0627-AL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-02   | CC0627-CLOXPL | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-03   | CC0625-OXBL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-04   | CC0627-AOXL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-05   | CC0625-NL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-06   | CC0627-OXPL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-07   | CC0627-OXL    | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-08   | CC0627-CLOXAL | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-09   | CC0627-BL     | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q2481-10   | CC0627-SFBL   | N/A               | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |