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11 April 2024

Kyle Siesser

Cottonwood Consulting

PO Box 1653

Durango, CO 81302

RE: Florida River Gas Plant Cooler Release

Enclosed are the results of analyses for samples received by the laboratory on 03/27/24 11:00. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Veronica J. Wells'.

Veronica Wells

Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C24-00019

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-23-16

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: Table 915-1  
 Project Name / Number: Florida River Gas Plant Cooler Release  
 Project Manager: Kyle Siesser

**Reported:**  
 04/11/24 08:13

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| SS01      | 2403221-01    | Solid  | 03/27/24 09:40 | 03/27/24 11:00 |       |
| SS02      | 2403221-02    | Solid  | 03/27/24 10:00 | 03/27/24 11:00 |       |

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A handwritten signature in blue ink that reads 'Veronica J. Wells'.

Veronica Wells, Project Manager

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Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

**Reported:**  
04/11/24 08:13

### SS01

2403221-01 (Soil)

Sampled Date: 03/27/24 09:40

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

#### General Chemistry

|                     |        |       |       |           |    |                |                 |    |     |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|----|-----|
| Hexavalent Chromium | <0.250 | 0.250 | 0.116 | mg/kg dry | 25 | 04/09/24 10:00 | 3060A/3500-Cr B | M5 | JDA |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|----|-----|

#### Saturated Paste Extraction

|              |      |       |       |                 |   |                |              |  |     |
|--------------|------|-------|-------|-----------------|---|----------------|--------------|--|-----|
| Calcium      | 91.9 | 0.100 | 0.058 | mg/L            | 1 | 04/05/24 13:16 | EPA200.7     |  | AES |
| Conductivity | 875  |       |       | umho/cm@25<br>C | 1 | 04/03/24 11:30 | ASA#9 10-3.3 |  | JDA |
| Magnesium    | 20.0 | 0.100 | 0.065 | mg/L            | 1 | 04/05/24 13:16 | EPA200.7     |  | AES |
| pH           | 7.73 |       |       | pH Units        | 1 | 04/03/24 11:30 | ASA#9 10-3.2 |  | JDA |
| SAR          | 0.95 |       |       | No Unit         | 1 | 04/05/24 13:16 | Calculation  |  | AES |
| Sodium       | 38.4 | 1.00  | 0.079 | mg/L            | 1 | 04/05/24 13:16 | EPA200.7     |  | AES |

#### Total Metals by ICP

|          |       |      |       |           |     |                |       |  |     |
|----------|-------|------|-------|-----------|-----|----------------|-------|--|-----|
| Barium   | 206   | 5.00 | 0.975 | mg/kg dry | 100 | 04/05/24 12:25 | 6010B |  | AES |
| Cadmium  | <5.00 | 5.00 | 1.24  | mg/kg dry | 100 | 04/05/24 12:25 | 6010B |  | AES |
| Copper   | 24.2  | 10.0 | 3.51  | mg/kg dry | 100 | 04/08/24 18:45 | 6010B |  | AES |
| Lead     | <10.0 | 10.0 | 2.49  | mg/kg dry | 100 | 04/05/24 12:25 | 6010B |  | AES |
| Nickel   | 11.1  | 5.00 | 2.33  | mg/kg dry | 100 | 04/05/24 12:25 | 6010B |  | AES |
| Selenium | <20.0 | 20.0 | 10.5  | mg/kg dry | 100 | 04/08/24 18:45 | 6010B |  | AES |
| Silver   | <1.00 | 1.00 | 0.437 | mg/kg dry | 100 | 04/05/24 12:24 | 6010B |  | AES |
| Zinc     | 38.8  | 10.0 | 1.63  | mg/kg dry | 100 | 04/05/24 12:25 | 6010B |  | AES |

#### Total Metals by ICPMS

|         |      |      |       |           |      |                |       |  |     |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|
| Arsenic | 3.73 | 1.00 | 0.158 | mg/kg dry | 1000 | 04/08/24 10:05 | 6020A |  | AES |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|

#### Hot Water Extractable

|       |       |      |       |      |   |                |          |  |     |
|-------|-------|------|-------|------|---|----------------|----------|--|-----|
| Boron | <1.20 | 1.20 | 0.568 | mg/L | 4 | 04/09/24 17:16 | EPA200.7 |  | AES |
|-------|-------|------|-------|------|---|----------------|----------|--|-----|

### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

#### Petroleum Hydrocarbons by GC FID

|                  |       |      |      |       |   |                |       |  |    |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28*    | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 03/28/24 22:09 | 8015B |  | ms |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 03/28/24 22:09 | 8015B |  | ms |
| GRO C6-C10*      | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 03/28/24 22:09 | 8015B |  | ms |

Surrogate: 1-Chlorooctadecane

103 % 49.1-148

03/28/24  
22:09

8015B

ms

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*Veronica J Wells*

Veronica Wells, Project Manager

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PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

**SS01**

**2403221-01 (Soil)**

**Sampled Date: 03/27/24 09:40**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

|                           |        |          |  |  |  |                   |       |  |    |
|---------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctane | 96.1 % | 48.2-134 |  |  |  | 03/28/24<br>22:09 | 8015B |  | ms |
|---------------------------|--------|----------|--|--|--|-------------------|-------|--|----|

**VOLATILES BY GC/MS**

|                |         |        |         |       |    |                |       |  |    |
|----------------|---------|--------|---------|-------|----|----------------|-------|--|----|
| Benzene*       | <0.0250 | 0.0250 | 0.00885 | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |
| Ethylbenzene*  | <0.0250 | 0.0250 | 0.00405 | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |
| m+p - Xylene*  | <0.0500 | 0.0500 | 0.0186  | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |
| o-Xylene*      | <0.0250 | 0.0250 | 0.00700 | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |
| Toluene*       | <0.0250 | 0.0250 | 0.00670 | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |
| Total Xylenes* | <0.0750 | 0.0750 | 0.0256  | mg/kg | 50 | 04/08/24 17:13 | 8260B |  | MS |

|                                 |        |          |  |  |  |                   |       |  |    |
|---------------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene | 100 %  | 82.5-117 |  |  |  | 04/08/24<br>17:13 | 8260B |  | MS |
| Surrogate: Dibromofluoromethane | 90.3 % | 84.6-114 |  |  |  | 04/08/24<br>17:13 | 8260B |  | MS |
| Surrogate: Toluene-d8           | 98.1 % | 90.4-109 |  |  |  | 04/08/24<br>17:13 | 8260B |  | MS |

**Polynuclear Aromatic Compounds by GC/MS**

|                         |        |       |       |       |    |                |       |  |    |
|-------------------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| 1-Methylnaphthalene     | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| 2-Methylnaphthalene*    | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Acenaphthene*           | <0.024 | 0.040 | 0.024 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Anthracene*             | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Benzo[a]anthracene*     | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Benzo[a]pyrene*         | <0.018 | 0.040 | 0.018 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Benzo[b]fluoranthene*   | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Benzo[k]fluoranthene*   | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Chrysene                | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Dibenz[a,h]anthracene*  | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Fluoranthene*           | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Fluorene*               | <0.014 | 0.040 | 0.014 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Indeno[1,2,3-cd]pyrene* | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Naphthalene*            | <0.015 | 0.040 | 0.015 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |
| Pyrene*                 | <0.013 | 0.040 | 0.013 | mg/kg | 40 | 04/04/24 15:56 | 8270C |  | MS |

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Veronica Wells, Project Manager

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Project: Table 915-1  
 Project Name / Number: Florida River Gas Plant Cooler Release  
 Project Manager: Kyle Siesser

**Reported:**  
 04/11/24 08:13

**SS01**

**2403221-01 (Soil)**

**Sampled Date: 03/27/24 09:40**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

|                             |        |          |  |  |  |                   |       |  |    |
|-----------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 2-Fluorobiphenyl | 67.4 % | 7.39-192 |  |  |  | 04/04/24<br>15:56 | 8270C |  | MS |
| Surrogate: Nitrobenzene-d5  | 69.4 % | 5.17-184 |  |  |  | 04/04/24<br>15:56 | 8270C |  | MS |
| Surrogate: Terphenyl-d14    | 92.7 % | 27.5-139 |  |  |  | 04/04/24<br>15:56 | 8270C |  | MS |

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Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

**Reported:**  
04/11/24 08:13

## SS02

2403221-02 (Soil)

Sampled Date: 03/27/24 10:00

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

### General Chemistry

|                     |        |       |       |           |    |                |                 |  |     |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|--|-----|
| Hexavalent Chromium | <0.250 | 0.250 | 0.116 | mg/kg dry | 25 | 04/09/24 10:00 | 3060A/3500-Cr B |  | JDA |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|--|-----|

### Saturated Paste Extraction

|              |      |       |       |                 |   |                |              |  |     |
|--------------|------|-------|-------|-----------------|---|----------------|--------------|--|-----|
| Calcium      | 102  | 0.200 | 0.116 | mg/L            | 2 | 04/05/24 13:19 | EPA200.7     |  | AES |
| Conductivity | 1200 |       |       | umho/cm@25<br>C | 1 | 04/03/24 11:30 | ASA#9 10-3.3 |  | JDA |
| Magnesium    | 21.5 | 0.200 | 0.131 | mg/L            | 2 | 04/05/24 13:19 | EPA200.7     |  | AES |
| pH           | 8.10 |       |       | pH Units        | 1 | 04/03/24 11:30 | ASA#9 10-3.2 |  | JDA |
| SAR          | 1.21 |       |       | No Unit         | 1 | 04/05/24 13:19 | Calculation  |  | AES |
| Sodium       | 51.5 | 2.00  | 0.159 | mg/L            | 2 | 04/05/24 13:19 | EPA200.7     |  | AES |

### Total Metals by ICP

|          |       |      |       |           |     |                |       |  |     |
|----------|-------|------|-------|-----------|-----|----------------|-------|--|-----|
| Barium   | 194   | 5.00 | 0.975 | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |
| Cadmium  | <5.00 | 5.00 | 1.24  | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |
| Copper   | 29.2  | 10.0 | 3.51  | mg/kg dry | 100 | 04/08/24 18:55 | 6010B |  | AES |
| Lead     | 10.4  | 10.0 | 2.49  | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |
| Nickel   | 9.42  | 5.00 | 2.33  | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |
| Selenium | <20.0 | 20.0 | 10.5  | mg/kg dry | 100 | 04/08/24 18:55 | 6010B |  | AES |
| Silver   | <1.00 | 1.00 | 0.437 | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |
| Zinc     | 39.2  | 10.0 | 1.63  | mg/kg dry | 100 | 04/05/24 12:38 | 6010B |  | AES |

### Total Metals by ICPMS

|         |      |      |       |           |      |                |       |  |     |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|
| Arsenic | 4.11 | 1.00 | 0.158 | mg/kg dry | 1000 | 04/08/24 10:06 | 6020A |  | AES |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|

### Hot Water Extractable

|       |       |      |       |      |   |                |          |  |     |
|-------|-------|------|-------|------|---|----------------|----------|--|-----|
| Boron | <1.20 | 1.20 | 0.568 | mg/L | 4 | 04/09/24 17:20 | EPA200.7 |  | AES |
|-------|-------|------|-------|------|---|----------------|----------|--|-----|

## Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

### Petroleum Hydrocarbons by GC FID

|                  |       |      |      |       |   |                |       |  |    |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28*    | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 03/28/24 22:31 | 8015B |  | ms |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 03/28/24 22:31 | 8015B |  | ms |
| GRO C6-C10*      | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 03/28/24 22:31 | 8015B |  | ms |

|                               |  |  |        |          |  |                   |       |  |    |
|-------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane |  |  | 89.3 % | 49.1-148 |  | 03/28/24<br>22:31 | 8015B |  | ms |
|-------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|

Green Analytical Laboratories

*Veronica J Wells*

Veronica Wells, Project Manager

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Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

**SS02**

**2403221-02 (Soil)**

**Sampled Date: 03/27/24 10:00**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

|                           |        |          |  |  |  |                   |       |  |    |
|---------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctane | 84.7 % | 48.2-134 |  |  |  | 03/28/24<br>22:31 | 8015B |  | ms |
|---------------------------|--------|----------|--|--|--|-------------------|-------|--|----|

**VOLATILES BY GC/MS**

|                |         |        |         |       |    |                |       |  |    |
|----------------|---------|--------|---------|-------|----|----------------|-------|--|----|
| Benzene*       | <0.0250 | 0.0250 | 0.00885 | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |
| Ethylbenzene*  | <0.0250 | 0.0250 | 0.00405 | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |
| m+p - Xylene*  | <0.0500 | 0.0500 | 0.0186  | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |
| o-Xylene*      | <0.0250 | 0.0250 | 0.00700 | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |
| Toluene*       | <0.0250 | 0.0250 | 0.00670 | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |
| Total Xylenes* | <0.0750 | 0.0750 | 0.0256  | mg/kg | 50 | 04/08/24 17:36 | 8260B |  | MS |

|                                 |        |          |  |  |  |                   |       |  |    |
|---------------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene | 97.1 % | 82.5-117 |  |  |  | 04/08/24<br>17:36 | 8260B |  | MS |
| Surrogate: Dibromofluoromethane | 90.8 % | 84.6-114 |  |  |  | 04/08/24<br>17:36 | 8260B |  | MS |
| Surrogate: Toluene-d8           | 98.3 % | 90.4-109 |  |  |  | 04/08/24<br>17:36 | 8260B |  | MS |

**Polynuclear Aromatic Compounds by GC/MS**

|                         |        |       |       |       |    |                |       |  |    |
|-------------------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| 1-Methylnaphthalene     | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| 2-Methylnaphthalene*    | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Acenaphthene*           | <0.024 | 0.040 | 0.024 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Anthracene*             | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Benzo[a]anthracene*     | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Benzo[a]pyrene*         | <0.018 | 0.040 | 0.018 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Benzo[b]fluoranthene*   | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Benzo[k]fluoranthene*   | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Chrysene                | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Dibenz[a,h]anthracene*  | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Fluoranthene*           | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Fluorene*               | <0.014 | 0.040 | 0.014 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Indeno[1,2,3-cd]pyrene* | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Naphthalene*            | <0.015 | 0.040 | 0.015 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |
| Pyrene*                 | <0.013 | 0.040 | 0.013 | mg/kg | 40 | 04/04/24 16:27 | 8270C |  | MS |

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Veronica Wells, Project Manager

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: Table 915-1  
 Project Name / Number: Florida River Gas Plant Cooler Release  
 Project Manager: Kyle Siesser

**Reported:**  
 04/11/24 08:13

**SS02**

**2403221-02 (Soil)**

**Sampled Date: 03/27/24 10:00**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

|                             |        |          |  |  |  |                   |       |  |    |
|-----------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 2-Fluorobiphenyl | 72.6 % | 7.39-192 |  |  |  | 04/04/24<br>16:27 | 8270C |  | MS |
| Surrogate: Nitrobenzene-d5  | 69.1 % | 5.17-184 |  |  |  | 04/04/24<br>16:27 | 8270C |  | MS |
| Surrogate: Terphenyl-d14    | 98.9 % | 27.5-139 |  |  |  | 04/04/24<br>16:27 | 8270C |  | MS |

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PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

**Reported:**  
04/11/24 08:13

### General Chemistry - Quality Control

| Analyte  | Result | Reporting Limit | Units     | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch B240803 - General Prep - Wet Chem</b> |        |                 |           |             |               |      |             |     |           |       |
| <b>Blank (B240803-BLK1)</b>                    |        |                 |           |             |               |      |             |     |           |       |
| Prepared: 04/08/24 Analyzed: 04/09/24          |        |                 |           |             |               |      |             |     |           |       |
| Hexavalent Chromium                            | ND     | 0.250           | mg/kg dry |             |               |      |             |     |           |       |
| <b>LCS (B240803-BS1)</b>                       |        |                 |           |             |               |      |             |     |           |       |
| Prepared: 04/08/24 Analyzed: 04/09/24          |        |                 |           |             |               |      |             |     |           |       |
| Hexavalent Chromium                            | 2.14   | 0.250           | mg/kg dry | 2.50        |               | 85.7 | 85-115      |     |           |       |

### Saturated Paste Extraction - Quality Control

| Analyte                                   | Result | Reporting Limit | Units       | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------------|-------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch B240755 - General Prep-SOILS</b> |        |                 |             |             |               |      |             |     |           |       |
| <b>Blank (B240755-BLK1)</b>               |        |                 |             |             |               |      |             |     |           |       |
| Prepared: 04/03/24 Analyzed: 04/05/24     |        |                 |             |             |               |      |             |     |           |       |
| Calcium                                   | ND     | 0.100           | mg/L        |             |               |      |             |     |           |       |
| Magnesium                                 | ND     | 0.100           | mg/L        |             |               |      |             |     |           |       |
| SAR                                       | 0.00   |                 | No Unit     |             |               |      |             |     |           |       |
| Sodium                                    | ND     | 1.00            | mg/L        |             |               |      |             |     |           |       |
| <b>Reference (B240755-SRM1)</b>           |        |                 |             |             |               |      |             |     |           |       |
| Prepared: 04/03/24 Analyzed: 04/05/24     |        |                 |             |             |               |      |             |     |           |       |
| SAR                                       | 6.61   |                 | No Unit     | 6.20        |               | 107  | 90-110      |     |           |       |
| <b>Batch B240756 - Paste Extract</b>      |        |                 |             |             |               |      |             |     |           |       |
| <b>Reference (B240756-SRM1)</b>           |        |                 |             |             |               |      |             |     |           |       |
| Prepared & Analyzed: 04/03/24             |        |                 |             |             |               |      |             |     |           |       |
| pH  | 7.60   |                 | pH Units    | 7.35        |               | 103  | 92-108      |     |           |       |
| <b>Batch B240757 - Paste Extract</b>      |        |                 |             |             |               |      |             |     |           |       |
| <b>Reference (B240757-SRM1)</b>           |        |                 |             |             |               |      |             |     |           |       |
| Prepared & Analyzed: 04/03/24             |        |                 |             |             |               |      |             |     |           |       |
| Conductivity                              | 6640   |                 | umho/cm@25C | 6480        |               | 102  | 90-110      |     |           |       |

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Veronica Wells, Project Manager

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PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

### Total Metals by ICP - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch B240776 - EPA 3050

##### Blank (B240776-BLK1)

Prepared: 04/04/24 Analyzed: 04/05/24

|          |    |      |           |  |  |  |  |  |  |  |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Barium   | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Cadmium  | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Copper   | ND | 10.0 | mg/kg dry |  |  |  |  |  |  |  |
| Lead     | ND | 10.0 | mg/kg dry |  |  |  |  |  |  |  |
| Nickel   | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Selenium | ND | 20.0 | mg/kg dry |  |  |  |  |  |  |  |
| Silver   | ND | 1.00 | mg/kg dry |  |  |  |  |  |  |  |
| Zinc     | ND | 10.0 | mg/kg dry |  |  |  |  |  |  |  |

##### LCS (B240776-BS1)

Prepared: 04/04/24 Analyzed: 04/05/24

|          |      |      |           |      |  |      |        |  |  |  |
|----------|------|------|-----------|------|--|------|--------|--|--|--|
| Barium   | 184  | 5.00 | mg/kg dry | 200  |  | 91.9 | 80-120 |  |  |  |
| Cadmium  | 175  | 5.00 | mg/kg dry | 200  |  | 87.3 | 80-120 |  |  |  |
| Copper   | 382  | 10.0 | mg/kg dry | 400  |  | 95.6 | 80-120 |  |  |  |
| Lead     | 176  | 10.0 | mg/kg dry | 200  |  | 88.0 | 80-120 |  |  |  |
| Nickel   | 178  | 5.00 | mg/kg dry | 200  |  | 89.2 | 80-120 |  |  |  |
| Selenium | 758  | 20.0 | mg/kg dry | 800  |  | 94.7 | 80-120 |  |  |  |
| Silver   | 9.02 | 1.00 | mg/kg dry | 10.0 |  | 90.2 | 80-120 |  |  |  |
| Zinc     | 164  | 10.0 | mg/kg dry | 200  |  | 82.2 | 80-120 |  |  |  |

##### LCS Dup (B240776-BSD1)

Prepared: 04/04/24 Analyzed: 04/05/24

|          |      |      |           |      |  |      |        |       |    |  |
|----------|------|------|-----------|------|--|------|--------|-------|----|--|
| Barium   | 186  | 5.00 | mg/kg dry | 200  |  | 92.8 | 80-120 | 0.904 | 20 |  |
| Cadmium  | 173  | 5.00 | mg/kg dry | 200  |  | 86.7 | 80-120 | 0.772 | 20 |  |
| Copper   | 380  | 10.0 | mg/kg dry | 400  |  | 95.0 | 80-120 | 0.615 | 20 |  |
| Lead     | 174  | 10.0 | mg/kg dry | 200  |  | 87.2 | 80-120 | 0.931 | 20 |  |
| Nickel   | 177  | 5.00 | mg/kg dry | 200  |  | 88.7 | 80-120 | 0.519 | 20 |  |
| Selenium | 748  | 20.0 | mg/kg dry | 800  |  | 93.6 | 80-120 | 1.22  | 20 |  |
| Silver   | 8.79 | 1.00 | mg/kg dry | 10.0 |  | 87.9 | 80-120 | 2.59  | 20 |  |
| Zinc     | 163  | 10.0 | mg/kg dry | 200  |  | 81.4 | 80-120 | 1.02  | 20 |  |

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*Veronica J. Wells*

Veronica Wells, Project Manager

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

**Reported:**  
04/11/24 08:13

### Total Metals by ICPMS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch B240777 - EPA 3050M

##### Blank (B240777-BLK1)

Prepared: 04/04/24 Analyzed: 04/08/24

|         |    |       |           |  |  |  |  |  |  |  |
|---------|----|-------|-----------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.100 | mg/kg dry |  |  |  |  |  |  |  |
|---------|----|-------|-----------|--|--|--|--|--|--|--|

##### LCS (B240777-BS1)

Prepared: 04/04/24 Analyzed: 04/08/24

|         |      |       |           |      |  |     |        |  |  |  |
|---------|------|-------|-----------|------|--|-----|--------|--|--|--|
| Arsenic | 5.10 | 0.100 | mg/kg dry | 5.00 |  | 102 | 80-120 |  |  |  |
|---------|------|-------|-----------|------|--|-----|--------|--|--|--|

##### LCS Dup (B240777-BSD1)

Prepared: 04/04/24 Analyzed: 04/08/24

|         |      |       |           |      |  |     |        |       |    |  |
|---------|------|-------|-----------|------|--|-----|--------|-------|----|--|
| Arsenic | 5.13 | 0.100 | mg/kg dry | 5.00 |  | 103 | 80-120 | 0.658 | 20 |  |
|---------|------|-------|-----------|------|--|-----|--------|-------|----|--|

### Hot Water Extractable - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch B240802 - General Prep-SOILS

##### Blank (B240802-BLK1)

Prepared: 04/08/24 Analyzed: 04/09/24

|       |    |      |      |  |  |  |  |  |  |  |
|-------|----|------|------|--|--|--|--|--|--|--|
| Boron | ND | 1.20 | mg/L |  |  |  |  |  |  |  |
|-------|----|------|------|--|--|--|--|--|--|--|

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Veronica Wells, Project Manager

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

### Petroleum Hydrocarbons by GC FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 4032818 - General Prep - Organics

##### Blank (4032818-BLK1)

Prepared & Analyzed: 03/28/24

|                               |      |      |       |      |  |     |          |  |  |  |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 57.8 |      | mg/kg | 50.0 |  | 116 | 49.1-148 |  |  |  |
| Surrogate: 1-Chlorooctane     | 51.3 |      | mg/kg | 50.0 |  | 103 | 48.2-134 |  |  |  |
| DRO >C10-C28                  | ND   | 10.0 | mg/kg |      |  |     |          |  |  |  |
| EXT DRO >C28-C36              | ND   | 10.0 | mg/kg |      |  |     |          |  |  |  |
| GRO C6-C10                    | ND   | 10.0 | mg/kg |      |  |     |          |  |  |  |

##### LCS (4032818-BS1)

Prepared & Analyzed: 03/28/24

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 59.7 |      | mg/kg | 50.0 |  | 119  | 49.1-148 |  |  |  |
| Surrogate: 1-Chlorooctane     | 53.8 |      | mg/kg | 50.0 |  | 108  | 48.2-134 |  |  |  |
| DRO >C10-C28                  | 196  | 10.0 | mg/kg | 200  |  | 98.1 | 66.5-118 |  |  |  |
| GRO C6-C10                    | 220  | 10.0 | mg/kg | 200  |  | 110  | 66.4-123 |  |  |  |
| Total TPH C6-C28              | 416  | 10.0 | mg/kg | 400  |  | 104  | 77.6-123 |  |  |  |

##### LCS Dup (4032818-BSD1)

Prepared & Analyzed: 03/28/24

|                               |      |      |       |      |  |      |          |      |      |  |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| Surrogate: 1-Chlorooctadecane | 60.6 |      | mg/kg | 50.0 |  | 121  | 49.1-148 |      |      |  |
| Surrogate: 1-Chlorooctane     | 56.7 |      | mg/kg | 50.0 |  | 113  | 48.2-134 |      |      |  |
| DRO >C10-C28                  | 186  | 10.0 | mg/kg | 200  |  | 93.0 | 66.5-118 | 5.34 | 21   |  |
| GRO C6-C10                    | 209  | 10.0 | mg/kg | 200  |  | 105  | 66.4-123 | 5.10 | 17.7 |  |
| Total TPH C6-C28              | 395  | 10.0 | mg/kg | 400  |  | 98.8 | 77.6-123 | 5.21 | 18.5 |  |

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Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

### VOLATILES BY GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 4040333 - Volatiles

##### Blank (4040333-BLK1)

Prepared: 04/03/24 Analyzed: 04/08/24

|  |      |        |       |      |  |      |          |  |  |  |
|--|------|--------|-------|------|--|------|----------|--|--|--|
| 1,2,4-Trimethylbenzene                 | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| 1,3,5-Trimethylbenzene                 | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 2.56 |        | mg/kg | 2.50 |  | 102  | 82.5-117 |  |  |  |
| Benzene                                | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | 2.22 |        | mg/kg | 2.50 |  | 88.9 | 84.6-114 |  |  |  |
| Ethylbenzene                           | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| m+p - Xylene                           | ND   | 0.0500 | mg/kg |      |  |      |          |  |  |  |
| Naphthalene                            | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| o-Xylene                               | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| Toluene                                | ND   | 0.0250 | mg/kg |      |  |      |          |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | 2.53 |        | mg/kg | 2.50 |  | 101  | 90.4-109 |  |  |  |
| Total Xylenes                          | ND   | 0.0750 | mg/kg |      |  |      |          |  |  |  |

##### LCS (4040333-BS1)

Prepared: 04/03/24 Analyzed: 04/08/24

|  |       |        |       |       |  |      |          |  |  |  |
|--|-------|--------|-------|-------|--|------|----------|--|--|--|
| 1,2,4-Trimethylbenzene                 | 0.558 | 0.0250 | mg/kg | 0.500 |  | 112  | 62.4-140 |  |  |  |
| 1,3,5-Trimethylbenzene                 | 0.540 | 0.0250 | mg/kg | 0.500 |  | 108  | 64.4-138 |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 2.57  |        | mg/kg | 2.50  |  | 103  | 82.5-117 |  |  |  |
| Benzene                                | 0.483 | 0.0250 | mg/kg | 0.500 |  | 96.7 | 73-130   |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | 2.36  |        | mg/kg | 2.50  |  | 94.5 | 84.6-114 |  |  |  |
| Ethylbenzene                           | 0.521 | 0.0250 | mg/kg | 0.500 |  | 104  | 75.4-127 |  |  |  |
| m+p - Xylene                           | 1.08  | 0.0500 | mg/kg | 1.00  |  | 108  | 71.8-133 |  |  |  |
| Naphthalene                            | 0.476 | 0.0250 | mg/kg | 0.500 |  | 95.2 | 28.7-158 |  |  |  |
| o-Xylene                               | 0.522 | 0.0250 | mg/kg | 0.500 |  | 104  | 78.6-125 |  |  |  |
| Toluene                                | 0.529 | 0.0250 | mg/kg | 0.500 |  | 106  | 79-122   |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | 2.55  |        | mg/kg | 2.50  |  | 102  | 90.4-109 |  |  |  |
| Total Xylenes                          | 1.60  | 0.0750 | mg/kg | 1.50  |  | 107  | 74.6-130 |  |  |  |

##### LCS Dup (4040333-BSD1)

Prepared: 04/03/24 Analyzed: 04/08/24

|  |       |        |       |       |  |      |          |       |      |  |
|--|-------|--------|-------|-------|--|------|----------|-------|------|--|
| 1,2,4-Trimethylbenzene                 | 0.509 | 0.0250 | mg/kg | 0.500 |  | 102  | 62.4-140 | 9.05  | 38.2 |  |
| 1,3,5-Trimethylbenzene                 | 0.499 | 0.0250 | mg/kg | 0.500 |  | 99.7 | 64.4-138 | 7.93  | 39.1 |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 2.57  |        | mg/kg | 2.50  |  | 103  | 82.5-117 |       |      |  |
| Benzene                                | 0.459 | 0.0250 | mg/kg | 0.500 |  | 91.7 | 73-130   | 5.28  | 17.1 |  |
| <i>Surrogate: Dibromofluoromethane</i> | 2.26  |        | mg/kg | 2.50  |  | 90.4 | 84.6-114 |       |      |  |
| Ethylbenzene                           | 0.520 | 0.0250 | mg/kg | 0.500 |  | 104  | 75.4-127 | 0.359 | 16.5 |  |
| m+p - Xylene                           | 1.04  | 0.0500 | mg/kg | 1.00  |  | 104  | 71.8-133 | 4.28  | 19.1 |  |
| Naphthalene                            | 0.403 | 0.0250 | mg/kg | 0.500 |  | 80.7 | 28.7-158 | 16.4  | 64   |  |
| o-Xylene                               | 0.498 | 0.0250 | mg/kg | 0.500 |  | 99.6 | 78.6-125 | 4.66  | 13.2 |  |
| Toluene                                | 0.506 | 0.0250 | mg/kg | 0.500 |  | 101  | 79-122   | 4.38  | 18.3 |  |

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PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

**Reported:**  
04/11/24 08:13

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 4040333 - Volatiles (Continued)**

**LCS Dup (4040333-BSD1) (Continued)**

Prepared: 04/03/24 Analyzed: 04/08/24

|                              |      |        |       |      |  |     |          |      |      |  |
|------------------------------|------|--------|-------|------|--|-----|----------|------|------|--|
| <i>Surrogate: Toluene-d8</i> | 2.57 |        | mg/kg | 2.50 |  | 103 | 90.4-109 |      |      |  |
| Total Xylenes                | 1.54 | 0.0750 | mg/kg | 1.50 |  | 102 | 74.6-130 | 4.41 | 16.5 |  |

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A handwritten signature in blue ink that reads 'Veronica J. Wells'.

Veronica Wells, Project Manager

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

### Polynuclear Aromatic Compounds by GC/MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 4040117 - SW846-3510

##### Blank (4040117-BLK1)

Prepared: 04/01/24 Analyzed: 04/04/24

|                                    |             |       |       |             |  |             |                 |  |  |  |
|------------------------------------|-------------|-------|-------|-------------|--|-------------|-----------------|--|--|--|
| 1-Methylnaphthalene                | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: 2-Fluorobiphenyl</i> | <i>1.56</i> |       | mg/kg | <i>2.00</i> |  | <i>78.1</i> | <i>7.39-192</i> |  |  |  |
| 2-Methylnaphthalene                | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Acenaphthene                       | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Anthracene                         | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Benzo[a]anthracene                 | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Benzo[a]pyrene                     | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Benzo[b]fluoranthene               | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Benzo[k]fluoranthene               | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Chrysene                           | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Dibenz[a,h]anthracene              | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Fluoranthene                       | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Fluorene                           | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Indeno[1,2,3-cd]pyrene             | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| Naphthalene                        | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: Nitrobenzene-d5</i>  | <i>1.53</i> |       | mg/kg | <i>2.00</i> |  | <i>76.5</i> | <i>5.17-184</i> |  |  |  |
| Pyrene                             | ND          | 0.040 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: Terphenyl-d14</i>    | <i>1.93</i> |       | mg/kg | <i>2.00</i> |  | <i>96.6</i> | <i>27.5-139</i> |  |  |  |

##### LCS (4040117-BS1)

Prepared: 04/01/24 Analyzed: 04/04/24

|                                    |             |       |       |             |  |             |                 |  |  |  |
|------------------------------------|-------------|-------|-------|-------------|--|-------------|-----------------|--|--|--|
| 1-Methylnaphthalene                | 0.294       | 0.040 | mg/kg | 0.400       |  | 73.6        | 47.6-126        |  |  |  |
| <i>Surrogate: 2-Fluorobiphenyl</i> | <i>1.43</i> |       | mg/kg | <i>2.00</i> |  | <i>71.5</i> | <i>7.39-192</i> |  |  |  |
| 2-Methylnaphthalene                | 0.293       | 0.040 | mg/kg | 0.400       |  | 73.4        | 48.1-126        |  |  |  |
| Acenaphthene                       | 0.300       | 0.040 | mg/kg | 0.400       |  | 75.0        | 49.4-119        |  |  |  |
| Acenaphthylene                     | 0.292       | 0.040 | mg/kg | 0.400       |  | 73.0        | 50.2-124        |  |  |  |
| Anthracene                         | 0.296       | 0.040 | mg/kg | 0.400       |  | 73.9        | 51.9-120        |  |  |  |
| Benzo[a]anthracene                 | 0.306       | 0.040 | mg/kg | 0.400       |  | 76.6        | 49.9-123        |  |  |  |
| Benzo[a]pyrene                     | 0.301       | 0.040 | mg/kg | 0.400       |  | 75.2        | 52.9-126        |  |  |  |
| Benzo[b]fluoranthene               | 0.299       | 0.040 | mg/kg | 0.400       |  | 74.8        | 52.1-125        |  |  |  |
| Benzo[g,h,i]perylene               | 0.300       | 0.040 | mg/kg | 0.400       |  | 74.9        | 50.7-130        |  |  |  |
| Benzo[k]fluoranthene               | 0.317       | 0.040 | mg/kg | 0.400       |  | 79.2        | 49.3-131        |  |  |  |
| Carbazole                          | 0.317       | 0.040 | mg/kg | 0.400       |  | 79.3        | 54-123          |  |  |  |
| Chrysene                           | 0.304       | 0.040 | mg/kg | 0.400       |  | 76.1        | 50.1-125        |  |  |  |
| Dibenz[a,h]anthracene              | 0.299       | 0.040 | mg/kg | 0.400       |  | 74.8        | 51.7-129        |  |  |  |
| Fluoranthene                       | 0.311       | 0.040 | mg/kg | 0.400       |  | 77.7        | 54.9-126        |  |  |  |
| Fluorene                           | 0.291       | 0.040 | mg/kg | 0.400       |  | 72.6        | 50.1-126        |  |  |  |
| Indeno[1,2,3-cd]pyrene             | 0.307       | 0.040 | mg/kg | 0.400       |  | 76.7        | 50-132          |  |  |  |
| Naphthalene                        | 0.303       | 0.040 | mg/kg | 0.400       |  | 75.7        | 46.9-122        |  |  |  |

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*Veronica J Wells*

Veronica Wells, Project Manager

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: Table 915-1  
Project Name / Number: Florida River Gas Plant Cooler Release  
Project Manager: Kyle Siesser

Reported:  
04/11/24 08:13

**Polynuclear Aromatic Compounds by GC/MS - Quality Control  
(Continued)**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 4040117 - SW846-3510 (Continued)**

**LCS (4040117-BS1) (Continued)**

Prepared: 04/01/24 Analyzed: 04/04/24

|                                   |       |       |       |       |  |      |          |  |  |  |
|-----------------------------------|-------|-------|-------|-------|--|------|----------|--|--|--|
| <i>Surrogate: Nitrobenzene-d5</i> | 1.45  |       | mg/kg | 2.00  |  | 72.7 | 5.17-184 |  |  |  |
| Phenanthrene                      | 0.309 | 0.040 | mg/kg | 0.400 |  | 77.3 | 53.6-120 |  |  |  |
| Pyrene                            | 0.309 | 0.040 | mg/kg | 0.400 |  | 77.2 | 50.2-124 |  |  |  |
| <i>Surrogate: Terphenyl-d14</i>   | 1.77  |       | mg/kg | 2.00  |  | 88.4 | 27.5-139 |  |  |  |

**LCS Dup (4040117-BSD1)**

Prepared: 04/01/24 Analyzed: 04/04/24

|                                    |       |       |       |       |  |      |          |        |      |  |
|------------------------------------|-------|-------|-------|-------|--|------|----------|--------|------|--|
| 1-Methylnaphthalene                | 0.298 | 0.040 | mg/kg | 0.400 |  | 74.6 | 47.6-126 | 1.37   | 6.22 |  |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 1.41  |       | mg/kg | 2.00  |  | 70.5 | 7.39-192 |        |      |  |
| 2-Methylnaphthalene                | 0.298 | 0.040 | mg/kg | 0.400 |  | 74.5 | 48.1-126 | 1.57   | 6.23 |  |
| Acenaphthene                       | 0.295 | 0.040 | mg/kg | 0.400 |  | 73.7 | 49.4-119 | 1.68   | 8.18 |  |
| Acenaphthylene                     | 0.304 | 0.040 | mg/kg | 0.400 |  | 76.0 | 50.2-124 | 4.00   | 5    |  |
| Anthracene                         | 0.287 | 0.040 | mg/kg | 0.400 |  | 71.9 | 51.9-120 | 2.84   | 3.68 |  |
| Benzo[a]anthracene                 | 0.304 | 0.040 | mg/kg | 0.400 |  | 76.0 | 49.9-123 | 0.764  | 9.01 |  |
| Benzo[a]pyrene                     | 0.305 | 0.040 | mg/kg | 0.400 |  | 76.3 | 52.9-126 | 1.35   | 4.92 |  |
| Benzo[b]fluoranthene               | 0.306 | 0.040 | mg/kg | 0.400 |  | 76.4 | 52.1-125 | 2.13   | 7.63 |  |
| Benzo[g,h,i]perylene               | 0.303 | 0.040 | mg/kg | 0.400 |  | 75.6 | 50.7-130 | 0.983  | 12.5 |  |
| Benzo[k]fluoranthene               | 0.305 | 0.040 | mg/kg | 0.400 |  | 76.2 | 49.3-131 | 3.82   | 10.6 |  |
| Carbazole                          | 0.303 | 0.040 | mg/kg | 0.400 |  | 75.8 | 54-123   | 4.60   | 8.65 |  |
| Chrysene                           | 0.307 | 0.040 | mg/kg | 0.400 |  | 76.7 | 50.1-125 | 0.811  | 21.8 |  |
| Dibenz[a,h]anthracene              | 0.299 | 0.040 | mg/kg | 0.400 |  | 74.8 | 51.7-129 | 0.0401 | 11.6 |  |
| Fluoranthene                       | 0.302 | 0.040 | mg/kg | 0.400 |  | 75.5 | 54.9-126 | 2.97   | 7.54 |  |
| Fluorene                           | 0.290 | 0.040 | mg/kg | 0.400 |  | 72.4 | 50.1-126 | 0.248  | 5.49 |  |
| Indeno[1,2,3-cd]pyrene             | 0.309 | 0.040 | mg/kg | 0.400 |  | 77.1 | 50-132   | 0.523  | 22.3 |  |
| Naphthalene                        | 0.303 | 0.040 | mg/kg | 0.400 |  | 75.9 | 46.9-122 | 0.181  | 4.56 |  |
| <i>Surrogate: Nitrobenzene-d5</i>  | 1.43  |       | mg/kg | 2.00  |  | 71.6 | 5.17-184 |        |      |  |
| Phenanthrene                       | 0.300 | 0.040 | mg/kg | 0.400 |  | 75.0 | 53.6-120 | 3.05   | 5.21 |  |
| Pyrene                             | 0.318 | 0.040 | mg/kg | 0.400 |  | 79.5 | 50.2-124 | 2.98   | 10.6 |  |
| <i>Surrogate: Terphenyl-d14</i>    | 1.76  |       | mg/kg | 2.00  |  | 88.1 | 27.5-139 |        |      |  |

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*Veronica J Wells*

Veronica Wells, Project Manager

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: Table 915-1  
 Project Name / Number: Florida River Gas Plant Cooler Release  
 Project Manager: Kyle Siesser

**Reported:**  
 04/11/24 08:13

### Notes and Definitions

M5 Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis  
 \*Results reported on as received basis unless designated as dry.

RPD Relative Percent Difference

LCS Laboratory Control Sample (Blank Spike)

RL Report Limit

MDL Method Detection Limit

Green Analytical Laboratories

A handwritten signature in blue ink that reads "Veronica J. Wells".

Veronica Wells, Project Manager

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|   |  |                                    |
|---|--|------------------------------------|
| Cottonwood Consulting<br>PO Box 1653<br>Durango CO, 81302 | Project: Table 915-1<br>Project Name / Number: Florida River Gas Plant Cooler Release<br>Project Manager: Kyle Siesser | <b>Reported:</b><br>04/11/24 08:13 |
|---|--|------------------------------------|

**Qualifier Summary**

| <u>LabNumber</u> | <u>Analysis</u>             | <u>Analyte</u>      | <u>Qualifier</u> | <u>TextBody</u>   |
|------------------|-----------------------------|---------------------|------------------|---|
| 2403221-01       | Hexavalent Chromium [SOLID] | Hexavalent Chromium | M5               | Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample. |

Green Analytical Laboratories

A handwritten signature in blue ink that reads "Veronica J. Wells".

Veronica Wells, Project Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST  
FORM-006, R 8.0



75 Suttle Street  
Durango, CO 81303  
(970) 247-4220

Note: Wite-Out™ or similar products cannot be used on the Chain of Custody

|  |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
|--|--|-------------------------|--|------------------|--|-----------|--|---|--|-----------------|--|-------------------|--|-----|--|
| Company or Client: Cottonwood Consulting LLC                   |  | Bill to (if different): |  | ANALYSIS REQUEST |  |           |  |   |  |                 |  |                   |  |     |  |
| Address: PO Box 1653   |  | State: CO Zip: 81302    |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| City: Durango  |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Phone #: 970-764-7356  |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Contact Person: Kyle Siesser                                   |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Email Report to: ksiesser@cottonwoodconsulting.com             |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Project Name(optional): Florida River Gas Plant Cooler Release |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Sampler Name (Print):  |  |                         |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| Lab I.D. 2403-221<br>Lab Use Only                              |  | Sample Name or Location |  |                  |  |           |  |   |  |                 |  |                   |  |     |  |
| 1) 9   |  | Date: 3-27-24           |  | Time: 0940       |  | Collected |  | Matrix (check one)  |  | # of containers |  | OTHER:            |  |     |  |
| 2) 02  |  | Date: 3-27-24           |  | Time: 1000       |  |           |  | GROUNDWATER   |  | 3               |  | No preservation   |  | X X |  |
| 3)   |  |                         |  |                  |  |           |  | SURFACE WATER   |  |                 |  | Nitric Acid       |  |     |  |
| 4)   |  |                         |  |                  |  |           |  | WASTEWATER  |  |                 |  | Hydrochloric Acid |  |     |  |
| 5)   |  |                         |  |                  |  |           |  | PRODUCED WATER  |  |                 |  | Sulfuric Acid     |  |     |  |
| 6)   |  |                         |  |                  |  |           |  | DRINKING WATER  |  |                 |  | OTHER:            |  |     |  |
| 7)   |  |                         |  |                  |  |           |  | SOIL  |  |                 |  | OTHER:            |  |     |  |
| 8)   |  |                         |  |                  |  |           |  | OTHER:  |  |                 |  | OTHER:            |  |     |  |
| 9)   |  |                         |  |                  |  |           |  | TAT Needed?   |  |                 |  | OTHER:            |  |     |  |
| 10)  |  |                         |  |                  |  |           |  | Rush? Y <input type="checkbox"/> N <input type="checkbox"/> |  |                 |  | OTHER:            |  |     |  |
|  |  |                         |  |                  |  |           |  | P.O. #:   |  |                 |  | OTHER:            |  |     |  |

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|                  |               |              |               |  |  |
|------------------|---------------|--------------|---------------|--|--|
| Relinquished By: | Date: 3-27-24 | Received By: | Date: 3-27-24 | ADDITIONAL REMARKS:  |  |
| Relinquished By: | Time: 1100    | Received By: | Time: 1100    | Date: 3-27-24  |  |
| Relinquished By: | Date:         | Received By: | Date:         | Time: 1100   |  |
| Relinquished By: | Time:         | Received By: | Time:         | Date:  |  |
| Relinquished By: | Date:         | Received By: | Date:         | Temperature at receipt: 9.0 °C   |  |
| Relinquished By: | Time:         | Received By: | Time:         | Checked by:  |  |
| Relinquished By: | Date:         | Received By: | Date:         | On Ice? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> |  |
| Relinquished By: | Time:         | Received By: | Time:         | Therm. used:   |  |

† GAL cannot accept verbal changes. Please email changes to receiving@greenanalytical.com  
\* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



SAMPLE CONDITION RECEIPT FORM

Client Name: Cottonwood Consulting

Work Order # 2403-221

Courier:  Fed Ex  UPS  USPS  Client  Kangaroo  Third Party  Other

Custody Seals on Box/Cooler Present:  Yes  No  
 No Seals Intact:  Yes  No

Thermometer Used: #2 Samples on ice, cooling process has begun:  Yes  No

Type of Ice:  Wet  Blue  None

Cooler Temp: Observed Temp: 9.0 °C Correction Factor: 0 °C Final Temp: 9.0 °C

Date/Initials of person examining contents: CDV 9/27  
 Labeled by initials: \_\_\_\_\_  
(if different than above)

\* Temp should be above freezing to 6°C

|  |  |     |
|--|--|-----|
| Chain of Custody Present:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 1.  |
| Chain of Custody Filled Out:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 2.  |
| Chain of Custody Relinquished:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 3.  |
| Sampler Name and Signature on COC:                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 4.  |
| Samples arrived within hold time:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 5.  |
| Short Hold Time Analysis (<72hr):  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 6.  |
| Rush Turn Around Time Requested:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 7.  |
| Sufficient Volume:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 8.  |
| Correct Containers Used:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 9.  |
| Containers Intact:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 10. |
| Dissolved Testing Needed:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 11. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No |  |     |
| Sample Labels match COC:<br>-Includes Date/Time/ID                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                              | 12. |
| Matrix:  | WT <input checked="" type="checkbox"/> SL <input type="checkbox"/> OT                            |     |
| Trip Blank Present:  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 13. |
| Trip Blank Custody Seals Present:  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |     |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_