



May 04, 2021

**Entrada Consulting Group**

**Ben Baugh**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**Project Name - Pierce Unit Kennedy #3**

**Project Number - [none]**

Attached are your analytical results for Pierce Unit Kennedy #3 received by Origins Laboratory, Inc. April 26, 2021. This project is associated with Origins project number Y104462-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled         | Date Received    |
|-----------|---------------|--------|----------------------|------------------|
| BG 1-2    | Y104462-01    | Soil   | April 26, 2021 11:25 | 04/26/2021 16:00 |
| SS 1-4    | Y104462-02    | Soil   | April 26, 2021 14:00 | 04/26/2021 16:00 |

Per the email from Ben on 05/04/21, selenium was added to sample BG1-2. JEP

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

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330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: Y104462

Client: Entrada

Client Project ID: Pierce Unit

Checklist Completed by: KOK

Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 04-27-21

Airbill #: N/A

Matrix(s) Received: (Check all that apply) ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1, 28.3 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: T003

| Requirement Description   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?   |                                     | <input checked="" type="checkbox"/> |                                     | Same Day          |
| Is there ice present (document if blue ice is used)   | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)   |                                     |                                     | <input checked="" type="checkbox"/> |                   |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)  |                                     |                                     | <input checked="" type="checkbox"/> |                   |
| Were all samples received intact <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?  |                                     |                                     | <input checked="" type="checkbox"/> |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |                                     |                   |
| For volatiles in water — Is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative.  |                                     |                                     | <input checked="" type="checkbox"/> |                   |
| Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH) |                                     |                                     | <input checked="" type="checkbox"/> |                   |
| Additional Comments (if any):   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) Jm Date/Time Reviewed 4-28-21

Origins Laboratory, Inc.

*Jefe Pellegrini*

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## BG 1-2

4/26/2021 11:25:00AM

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|--------------------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|--------------------|-------|----------|-------|---------|----------|----------|-------|

## AAL, Inc. Y104462-01 (Soil)

### Boron (Sorbitol)

|       |     |  |      |   |        |  |            |            |  |
|-------|-----|--|------|---|--------|--|------------|------------|--|
| Boron | 0.3 |  | mg/L | 1 | [none] |  | 04/28/2021 | 04/30/2021 |  |
|-------|-----|--|------|---|--------|--|------------|------------|--|

### Metals (Saturated Paste Prep)

|           |      |  |      |   |        |  |   |            |  |
|-----------|------|--|------|---|--------|--|---|------------|--|
| Calcium   | 2.67 |  | me/L | 1 | [none] |  | " | 04/30/2021 |  |
| Magnesium | 1.34 |  | "    | " | "      |  | " | "          |  |
| Sodium    | 1.22 |  | "    | " | "      |  | " | "          |  |

### pH in Soil by EPA 9045D

|    |      |  |          |   |         |     |            |            |  |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.38 |  | pH Units | 1 | B1D2806 | DJL | 04/28/2021 | 04/28/2021 |  |
|----|------|--|----------|---|---------|-----|------------|------------|--|

### SAR by 20B Saturated Paste

|     |      |  |  |   |        |  |            |            |  |
|-----|------|--|--|---|--------|--|------------|------------|--|
| SAR | 0.86 |  |  | 1 | [none] |  | 04/28/2021 | 04/30/2021 |  |
|-----|------|--|--|---|--------|--|------------|------------|--|

### Specific Conductance by Modified 9050A

|                           |       |         |          |   |         |     |            |            |  |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.369 | 0.00500 | mmhos/cm | 1 | B1D2807 | DJL | 04/28/2021 | 04/28/2021 |  |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

### Total Metals by 6020B

|          |       |      |       |   |         |  |            |            |   |
|----------|-------|------|-------|---|---------|--|------------|------------|---|
| Arsenic  | 2.25  | 0.25 | mg/Kg | 5 | L549850 |  | 04/28/2021 | 04/29/2021 |   |
| Selenium | 0.207 | 0.25 | "     | " | "       |  | "          | "          | J |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## SS 1-4

4/26/2021 2:00:00PM

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|

## AAL, Inc. Y104462-02 (Soil)

### Boron (Sorbitol)

|       |     |  |      |   |        |  |            |            |  |
|-------|-----|--|------|---|--------|--|------------|------------|--|
| Boron | 1.4 |  | mg/L | 1 | [none] |  | 04/28/2021 | 04/30/2021 |  |
|-------|-----|--|------|---|--------|--|------------|------------|--|

### DRO/ORO by EPA 8015D

|                                   |      |      |       |   |         |     |            |            |  |
|-----------------------------------|------|------|-------|---|---------|-----|------------|------------|--|
| Diesel (C10-C28)                  | 6260 | 50.0 | mg/kg | 1 | B1D2706 | KDK | 04/27/2021 | 04/27/2021 |  |
| Residual Range Organics (C28-C40) | 1770 | 200  | "     | " | "       | KDK | "          | "          |  |

|                        |       |        |  |  |   |   |  |   |  |
|------------------------|-------|--------|--|--|---|---|--|---|--|
| Surrogate: o-Terphenyl | 144 % | 50-150 |  |  | " | " |  | " |  |
|------------------------|-------|--------|--|--|---|---|--|---|--|

### GBTEX+TMBs

|                             |       |        |       |    |         |     |            |            |         |
|-----------------------------|-------|--------|-------|----|---------|-----|------------|------------|---------|
| 1,2,4-Trimethylbenzene      | 0.431 | 0.0500 | mg/kg | 25 | B1D2705 | TEM | 04/27/2021 | 04/28/2021 |         |
| 1,3,5-Trimethylbenzene      | 0.210 | 0.0500 | "     | "  | "       | TEM | "          | "          |         |
| Benzene                     | ND    | 0.0500 | "     | "  | "       | TEM | "          | "          | R-01, U |
| Ethylbenzene                | 1.52  | 0.0500 | "     | "  | "       | TEM | "          | "          |         |
| Toluene                     | ND    | 0.0500 | "     | "  | "       | TEM | "          | "          | R-01, U |
| Gasoline Range Hydrocarbons | 466   | 5.00   | "     | "  | "       | TEM | "          | "          |         |
| Xylenes, total              | 2.51  | 0.0500 | "     | "  | "       | TEM | "          | "          |         |

|                                  |        |        |  |  |   |   |  |   |  |
|----------------------------------|--------|--------|--|--|---|---|--|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 95.7 % | 70-130 |  |  | " | " |  | " |  |
| Surrogate: Toluene-d8            | 87.2 % | 70-130 |  |  | " | " |  | " |  |
| Surrogate: 4-Bromofluorobenzene  | 97.3 % | 70-130 |  |  | " | " |  | " |  |

### Metals (Saturated Paste Prep)

|         |      |  |      |   |        |  |            |            |  |
|---------|------|--|------|---|--------|--|------------|------------|--|
| Calcium | 3.21 |  | me/L | 1 | [none] |  | 04/28/2021 | 04/30/2021 |  |
|---------|------|--|------|---|--------|--|------------|------------|--|

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330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## SS 1-4

4/26/2021 2:00:00PM

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|

## AAL, Inc. Y104462-02 (Soil)

### Metals (Saturated Paste Prep)

|           |       |      |   |        |            |            |
|-----------|-------|------|---|--------|------------|------------|
| Magnesium | 1.33  | me/L | 1 | [none] | 04/28/2021 | 04/30/2021 |
| Sodium    | 10.25 | "    | " | "      | "          | "          |

### PAH by 8270D SIM

|                        |    |         |       |   |         |            |            |
|------------------------|----|---------|-------|---|---------|------------|------------|
| 1-Methylnaphthalene    | ND | 0.00067 | mg/Kg | 1 | L549991 | 04/29/2021 | 04/29/2021 |
| 2-Methylnaphthalene    | ND | 0.00067 | "     | " | "       | "          | "          |
| Acenaphthene           | ND | 0.00067 | "     | " | "       | "          | "          |
| Anthracene             | ND | 0.00067 | "     | " | "       | "          | "          |
| Benzo(a)anthracene     | ND | 0.00067 | "     | " | "       | "          | "          |
| Benzo(a)pyrene         | ND | 0.00067 | "     | " | "       | "          | "          |
| Benzo(b)fluoranthene   | ND | 0.00067 | "     | " | "       | "          | "          |
| Benzo(k)fluoranthene   | ND | 0.00067 | "     | " | "       | "          | "          |
| Chrysene               | ND | 0.00067 | "     | " | "       | "          | "          |
| Dibenz(a,h)anthracene  | ND | 0.00067 | "     | " | "       | "          | "          |
| Fluoranthene           | ND | 0.00067 | "     | " | "       | "          | "          |
| Fluorene               | ND | 0.00067 | "     | " | "       | "          | "          |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | "     | " | "       | "          | "          |
| Naphthalene            | ND | 0.00067 | "     | " | "       | "          | "          |
| Pyrene                 | ND | 0.00067 | "     | " | "       | "          | "          |

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Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## SS 1-4

4/26/2021 2:00:00PM

| Analyte | Result | Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|

## Waypoint Analytical, Inc.

Y104462-02 (Soil)

### PAH by 8270D SIM

|                             |        |        |  |  |             |            |            |
|-----------------------------|--------|--------|--|--|-------------|------------|------------|
| Surrogate: 2-Fluorobiphenyl | 50.2 % | 33-115 |  |  | L5499<br>91 | 04/29/2021 | 04/29/2021 |
| Surrogate: 4-Terphenyl-d14  | 63.1 % | 33-122 |  |  | "           | "          | "          |
| Surrogate: Nitrobenzene-d5  | 57.1 % | 29-110 |  |  | "           | "          | "          |

### pH in Soil by EPA 9045D

|    |      |          |   |         |     |            |            |
|----|------|----------|---|---------|-----|------------|------------|
| pH | 7.24 | pH Units | 1 | B1D2806 | DJL | 04/28/2021 | 04/28/2021 |
|----|------|----------|---|---------|-----|------------|------------|

### SAR by 20B Saturated Paste

|     |      |  |   |        |  |            |            |
|-----|------|--|---|--------|--|------------|------------|
| SAR | 6.80 |  | 1 | [none] |  | 04/28/2021 | 04/30/2021 |
|-----|------|--|---|--------|--|------------|------------|

### Specific Conductance by Modified 9050A

|                           |      |         |          |   |         |     |            |            |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 1.61 | 0.00500 | mmhos/cm | 1 | B1D2807 | DJL | 04/28/2021 | 04/28/2021 |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|

### Total Metals by 6020B

|          |       |      |       |   |         |            |            |
|----------|-------|------|-------|---|---------|------------|------------|
| Arsenic  | 4.65  | 0.25 | mg/Kg | 5 | L549850 | 04/28/2021 | 04/29/2021 |
| Barium   | 78.8  | 0.25 | "     | " | "       | "          | "          |
| Cadmium  | 0.25  | 0.25 | "     | " | "       | "          | "          |
| Copper   | 9.01  | 0.25 | "     | " | "       | "          | "          |
| Lead     | 10.6  | 0.25 | "     | " | "       | "          | "          |
| Nickel   | 9.56  | 0.25 | "     | " | "       | "          | "          |
| Selenium | 0.414 | 0.25 | "     | " | "       | "          | "          |

Origins Laboratory, Inc.



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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## SS 1-4

4/26/2021 2:00:00PM

| Analyte | Result | Reporting |  | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-----------|--|-------|----------|-------|---------|----------|----------|-------|
|         |        | Limit     |  |       |          |       |         |          |          |       |

## Waypoint Analytical, Inc.

Y104462-02 (Soil)

### Total Metals by 6020B

|        |        |      |       |   |         |            |            |   |
|--------|--------|------|-------|---|---------|------------|------------|---|
| Silver | 0.0409 | 0.25 | mg/Kg | 5 | L549850 | 04/28/2021 | 04/29/2021 | J |
| Zinc   | 35.4   | 2.5  | "     | " | "       | "          | "          |   |

### Total Metals by 7196A

|                      |    |   |       |   |         |            |            |  |
|----------------------|----|---|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1 | mg/Kg | 2 | L550563 | 04/26/2021 | 05/03/2021 |  |
|----------------------|----|---|-------|---|---------|------------|------------|--|

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B1D2705 - EPA 5030 (soil)</b> |        |                 |       |             |   |      |             |     |           |       |
| <b>Blank (B1D2705-BLK1)</b>            |        |                 |       |             | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |             |     |           |       |
| 1,2,4-Trimethylbenzene                 | ND     | 0.00200         | mg/kg |             |   |      |             |     |           | U     |
| Naphthalene                            | ND     | 0.0100          | "     |             |   |      |             |     |           | U     |
| 1,3,5-Trimethylbenzene                 | ND     | 0.00200         | "     |             |   |      |             |     |           | U     |
| Benzene                                | ND     | 0.00200         | "     |             |   |      |             |     |           | U     |
| Ethylbenzene                           | ND     | 0.00200         | "     |             |   |      |             |     |           | U     |
| Toluene                                | ND     | 0.00200         | "     |             |   |      |             |     |           | U     |
| Gasoline Range Hydrocarbons            | ND     | 0.200           | "     |             |   |      |             |     |           | U     |
| Xylenes, total                         | ND     | 0.00200         | "     |             |   |      |             |     |           | U     |
| Surrogate: 1,2-Dichloroethane-d4       | 58     |                 | ug/L  | 62.5        |   | 93.2 | 70-130      |     |           |       |
| Surrogate: Toluene-d8                  | 55     |                 | "     | 62.5        |   | 88.5 | 70-130      |     |           |       |
| Surrogate: 4-Bromofluorobenzene        | 57     |                 | "     | 62.5        |   | 90.8 | 70-130      |     |           |       |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B1D2705 - EPA 5030 (soil)**

**LCS (B1D2705-BS1)**

Prepared: 04/27/2021 Analyzed: 04/27/2021

|                                  |        |         |       |        |  |      |        |  |  |  |
|----------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.0464 | 0.00200 | mg/kg | 0.0500 |  | 92.8 | 70-130 |  |  |  |
| Naphthalene                      | 0.0513 | 0.0100  | "     | 0.0500 |  | 103  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0465 | 0.00200 | "     | 0.0500 |  | 92.9 | 70-130 |  |  |  |
| Benzene                          | 0.0540 | 0.00200 | "     | 0.0500 |  | 108  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0431 | 0.00200 | "     | 0.0500 |  | 86.2 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.0868 | 0.00400 | "     | 0.100  |  | 86.8 | 70-130 |  |  |  |
| o-Xylene                         | 0.0449 | 0.00200 | "     | 0.0500 |  | 89.8 | 70-130 |  |  |  |
| Toluene                          | 0.0448 | 0.00200 | "     | 0.0500 |  | 89.5 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 55     |         | ug/L  | 62.5   |  | 88.4 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 55     |         | "     | 62.5   |  | 87.4 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 59     |         | "     | 62.5   |  | 94.4 | 70-130 |  |  |  |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

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

#### Batch B1D2705 - EPA 5030 (soil)

| Matrix Spike (B1D2705-MS1)       |        | Source: Y104461-01 |       |        | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |        |  |  |  |
|----------------------------------|--------|--------------------|-------|--------|---|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.0417 | 0.00200            | mg/kg | 0.0500 | ND  | 83.3 | 70-130 |  |  |  |
| Naphthalene                      | 0.0511 | 0.0100             | "     | 0.0500 | 0.000680                                  | 101  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0409 | 0.00200            | "     | 0.0500 | ND  | 81.8 | 70-130 |  |  |  |
| Benzene                          | 0.0527 | 0.00200            | "     | 0.0500 | ND  | 105  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0389 | 0.00200            | "     | 0.0500 | ND  | 77.9 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.0786 | 0.00400            | "     | 0.100  | ND  | 78.6 | 70-130 |  |  |  |
| o-Xylene                         | 0.0409 | 0.00200            | "     | 0.0500 | ND  | 81.8 | 70-130 |  |  |  |
| Toluene                          | 0.0423 | 0.00200            | "     | 0.0500 | ND  | 84.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 60     |                    | ug/L  | 62.5   |   | 95.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 53     |                    | "     | 62.5   |   | 85.5 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 59     |                    | "     | 62.5   |   | 94.8 | 70-130 |  |  |  |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

### Origins Laboratory, Inc.

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

#### Batch B1D2705 - EPA 5030 (soil)

| Matrix Spike Dup (B1D2705-MSD1)  |        | Source: Y104461-01 |       |        | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |        |      |    |       |
|----------------------------------|--------|--------------------|-------|--------|---|------|--------|------|----|-------|
| 1,2,4-Trimethylbenzene           | 0.0487 | 0.00200            | mg/kg | 0.0500 | ND  | 97.4 | 70-130 | 15.6 | 20 | QR-03 |
| Naphthalene                      | 0.0630 | 0.0100             | "     | 0.0500 | 0.000680                                  | 125  | 70-130 | 20.8 | 20 |       |
| 1,3,5-Trimethylbenzene           | 0.0478 | 0.00200            | "     | 0.0500 | ND  | 95.6 | 70-130 | 15.6 | 20 |       |
| Benzene                          | 0.0609 | 0.00200            | "     | 0.0500 | ND  | 122  | 70-130 | 14.4 | 20 |       |
| Ethylbenzene                     | 0.0449 | 0.00200            | "     | 0.0500 | ND  | 89.7 | 70-130 | 14.1 | 20 |       |
| m,p-Xylene                       | 0.0904 | 0.00400            | "     | 0.100  | ND  | 90.4 | 70-130 | 13.9 | 20 |       |
| o-Xylene                         | 0.0477 | 0.00200            | "     | 0.0500 | ND  | 95.4 | 70-130 | 15.3 | 20 |       |
| Toluene                          | 0.0486 | 0.00200            | "     | 0.0500 | ND  | 97.2 | 70-130 | 13.8 | 20 |       |
| Surrogate: 1,2-Dichloroethane-d4 | 61     |                    | ug/L  | 62.5   |   | 97.4 | 70-130 |      |    |       |
| Surrogate: Toluene-d8            | 53     |                    | "     | 62.5   |   | 85.2 | 70-130 |      |    |       |
| Surrogate: 4-Bromofluorobenzene  | 59     |                    | "     | 62.5   |   | 94.5 | 70-130 |      |    |       |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B1D2706 - EPA 3550B</b>  |        |                 |       |             |   |      |             |     |           |       |
| <b>Blank (B1D2706-BLK1)</b>       |        |                 |       |             | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |             |     |           |       |
| Diesel (C10-C28)                  | ND     | 25.0            | mg/kg |             |   |      |             |     |           | U     |
| Residual Range Organics (C28-C40) | ND     | 100             | "     |             |   |      |             |     |           | U     |
| Surrogate: o-Terphenyl            | 29     |                 | "     | 25.0        |   | 117  | 50-150      |     |           |       |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

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

Batch B1D2706 - EPA 3550B

### LCS (B1D2706-BS1)

Prepared: 04/27/2021 Analyzed: 04/27/2021

|                                   |      |      |       |      |  |     |        |  |  |  |
|-----------------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| Diesel (C10-C28)                  | 1180 | 50.0 | mg/kg | 1000 |  | 118 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 1180 | 200  | "     | 1000 |  | 118 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 55   |      | "     | 50.0 |  | 109 | 50-150 |  |  |  |

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Jen Pellegrini, Project Manager



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

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

### Batch B1D2706 - EPA 3550B

| Matrix Spike (B1D2706-MS1)        |      | Source: Y104461-01 |       |      | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |        |  |  |  |
|-----------------------------------|------|--------------------|-------|------|---|------|--------|--|--|--|
| Diesel (C10-C28)                  | 1020 | 50.0               | mg/kg | 1000 | ND  | 102  | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 982  | 200                | "     | 1000 | ND  | 98.2 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 48   |                    | "     | 50.0 |   | 96.7 | 50-150 |  |  |  |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

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

### Batch B1D2706 - EPA 3550B

| Matrix Spike Dup (B1D2706-MSD1)   |     | Source: Y104461-01 |       |      | Prepared: 04/27/2021 Analyzed: 04/27/2021 |      |        |      |    |  |
|-----------------------------------|-----|--------------------|-------|------|---|------|--------|------|----|--|
| Diesel (C10-C28)                  | 930 | 50.0               | mg/kg | 1000 | ND  | 93.0 | 70-130 | 9.26 | 35 |  |
| Residual Range Organics (C28-C40) | 869 | 200                | "     | 1000 | ND  | 86.9 | 70-130 | 12.3 | 35 |  |
| Surrogate: o-Terphenyl            | 42  |                    | "     | 50.0 |   | 83.1 | 50-150 |      |    |  |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

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

## Saturated Paste - Quality Control

### Origins Laboratory, Inc.

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

#### Batch B1D2806 - NO PREP

##### Duplicate (B1D2806-DUP1)

Source: Y104462-01

Prepared: 04/28/2021 Analyzed: 04/28/2021

|    |      |          |      |      |    |
|----|------|----------|------|------|----|
| pH | 7.13 | pH Units | 7.38 | 3.45 | 25 |
|----|------|----------|------|------|----|

#### Batch B1D2807 - NO PREP

##### Blank (B1D2807-BLK1)

Prepared: 04/28/2021 Analyzed: 04/28/2021

|                           |         |         |          |
|---------------------------|---------|---------|----------|
| Specific Conductance (EC) | 0.00200 | 0.00500 | mmhos/cm |
|---------------------------|---------|---------|----------|

##### Duplicate (B1D2807-DUP1)

Source: Y104462-01

Prepared: 04/28/2021 Analyzed: 04/28/2021

|                           |       |         |          |       |      |    |
|---------------------------|-------|---------|----------|-------|------|----|
| Specific Conductance (EC) | 0.335 | 0.00500 | mmhos/cm | 0.369 | 9.71 | 25 |
|---------------------------|-------|---------|----------|-------|------|----|

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Jen Pellegrini, Project Manager

Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Ben Baugh  
Project Number: [none]  
Project: Pierce Unit Kennedy #3

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

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

**Batch L549991 - 3550B**

| MSD (L 99838-MSD-L549991)   |        | Source: 99838 |       |       | Prepared: 04/29/2021 Analyzed: 04/29/2021 |      |        |      |    |  |
|-----------------------------|--------|---------------|-------|-------|---|------|--------|------|----|--|
| Dibenz(a,h)anthracene       | 0.0986 | 0.0014        | mg/Kg | 0.163 | 99838                                     | 60.4 | 30-130 | 5.4  | 30 |  |
| Fluoranthene                | 0.127  | 0.00265       | "     | 0.163 | 99838                                     | 77.9 | 30-130 | 33.4 | 30 |  |
| Fluorene                    | 0.115  | 0.00251       | "     | 0.163 | 0.0198                                    | 58.4 | 30-130 | 9    | 30 |  |
| Indeno(1,2,3-cd)pyrene      | 0.0949 | 0.00172       | "     | 0.163 | 99838                                     | 58.2 | 30-130 | 6.4  | 30 |  |
| Pyrene                      | 0.128  | 0.00194       | "     | 0.163 | 0.00334                                   | 78.5 | 30-130 | 33.2 | 30 |  |
| Chrysene                    | 0.127  | 0.00128       | "     | 0.163 | 0.00651                                   | 73.9 | 30-130 | 17.9 | 30 |  |
| Naphthalene                 | 0.096  | 0.00234       | "     | 0.163 | 99838                                     | 58.8 | 30-130 | 17.1 | 30 |  |
| 1-Methylnaphthalene         | 0.122  | 0.0024        | "     | 0.163 | 0.0154                                    | 65.3 | 30-130 | 24.4 | 30 |  |
| Benzo(b)fluoranthene        | 0.118  | 0.00069       | "     | 0.163 | 99838                                     | 72.3 | 30-130 | 10.4 | 30 |  |
| Benzo(a)pyrene              | 0.129  | 0.000665      | "     | 0.163 | 0.00106                                   | 79.1 | 30-130 | 5.2  | 30 |  |
| Benzo(a)anthracene          | 0.124  | 0.00221       | "     | 0.163 | 99838                                     | 76   | 30-130 | 11.4 | 30 |  |
| Anthracene                  | 0.135  | 0.00213       | "     | 0.163 | 99838                                     | 82.8 | 30-130 | 38.8 | 30 |  |
| Acenaphthene                | 0.0945 | 0.00216       | "     | 0.163 | 0.0122                                    | 50.4 | 30-130 | 20.4 | 30 |  |
| 2-Methylnaphthalene         | 0.124  | 0.00271       | "     | 0.163 | 0.0161                                    | 66.1 | 30-130 | 31.2 | 30 |  |
| Benzo(k)fluoranthene        | 0.11   | 0.00243       | "     | 0.163 | 99838                                     | 67.4 | 30-130 | 8.6  | 30 |  |
| Surrogate: Nitrobenzene-d5  | 56.5   |               | "     | 0.327 | 192                                       | 56.5 | 29-110 |      |    |  |
| Surrogate: 2-Fluorobiphenyl | 53.8   |               | "     | 0.327 | 186                                       | 53.8 | 33-115 |      |    |  |
| Surrogate: 4-Terphenyl-d14  | 76.7   |               | "     | 0.327 | 236                                       | 76.7 | 33-122 |      |    |  |

| MS (L 99838-MS-L549991) |       | Source: 99838 |       |       | Prepared: 04/29/2021 Analyzed: 04/29/2021 |      |        |  |  |  |
|-------------------------|-------|---------------|-------|-------|---|------|--------|--|--|--|
| Benzo(a)pyrene          | 0.136 | 0.000665      | mg/Kg | 0.163 | 0.00106                                   | 83.4 | 30-130 |  |  |  |
| Acenaphthene            | 0.116 | 0.00216       | "     | 0.163 | 0.0122                                    | 63.6 | 30-130 |  |  |  |
| 2-Methylnaphthalene     | 0.17  | 0.00271       | "     | 0.163 | 0.0161                                    | 94.4 | 30-130 |  |  |  |
| Benzo(a)anthracene      | 0.139 | 0.00221       | "     | 0.163 | 99838                                     | 85.2 | 30-130 |  |  |  |
| 1-Methylnaphthalene     | 0.156 | 0.0024        | "     | 0.163 | 0.0154                                    | 86.2 | 30-130 |  |  |  |
| Naphthalene             | 0.114 | 0.00234       | "     | 0.163 | 99838                                     | 69.9 | 30-130 |  |  |  |
| Anthracene              | 0.2   | 0.00213       | "     | 0.163 | 99838                                     | 123  | 30-130 |  |  |  |

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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Ben Baugh  
Project Number: [none]  
Project: Pierce Unit Kennedy #3

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

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

**Batch L549991 - 3550B**

| MS (L 99838-MS-L549991)     |        | Source: 99838 |       |       | Prepared: 04/29/2021 Analyzed: 04/29/2021 |      |        |  |  |  |
|-----------------------------|--------|---------------|-------|-------|---|------|--------|--|--|--|
| Indeno(1,2,3-cd)pyrene      | 0.089  | 0.00172       | mg/Kg | 0.163 | 99838                                     | 54.6 | 30-130 |  |  |  |
| Fluorene                    | 0.105  | 0.00251       | "     | 0.163 | 0.0198                                    | 52.2 | 30-130 |  |  |  |
| Fluoranthene                | 0.178  | 0.00265       | "     | 0.163 | 99838                                     | 109  | 30-130 |  |  |  |
| Dibenz(a,h)anthracene       | 0.0934 | 0.0014        | "     | 0.163 | 99838                                     | 57.3 | 30-130 |  |  |  |
| Chrysene                    | 0.152  | 0.00128       | "     | 0.163 | 0.00651                                   | 89.2 | 30-130 |  |  |  |
| Benzo(k)fluoranthene        | 0.12   | 0.00243       | "     | 0.163 | 99838                                     | 73.6 | 30-130 |  |  |  |
| Benzo(b)fluoranthene        | 0.131  | 0.00069       | "     | 0.163 | 99838                                     | 80.3 | 30-130 |  |  |  |
| Pyrene                      | 0.179  | 0.00194       | "     | 0.163 | 0.00334                                   | 110  | 30-130 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 106    |               | "     | 0.327 | 236                                       | 106  | 33-122 |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 57.1   |               | "     | 0.327 | 186                                       | 57.1 | 33-115 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 64.2   |               | "     | 0.327 | 192                                       | 64.2 | 29-110 |  |  |  |

**LCS (LCS-L549991)**

Prepared: 04/29/2021 Analyzed: 04/29/2021

|                        |        |          |       |       |  |      |        |
|------------------------|--------|----------|-------|-------|--|------|--------|
| Naphthalene            | 0.102  | 0.000467 | mg/Kg | 0.167 |  | 61   | 30-130 |
| Benzo(k)fluoranthene   | 0.102  | 0.000486 | "     | 0.167 |  | 61   | 30-130 |
| 2-Methylnaphthalene    | 0.109  | 0.000542 | "     | 0.167 |  | 65.2 | 30-130 |
| Acenaphthene           | 0.111  | 0.000431 | "     | 0.167 |  | 66.4 | 30-130 |
| Anthracene             | 0.117  | 0.000426 | "     | 0.167 |  | 70   | 30-130 |
| Benzo(a)anthracene     | 0.128  | 0.000441 | "     | 0.167 |  | 76.6 | 30-130 |
| Benzo(a)pyrene         | 0.135  | 0.000133 | "     | 0.167 |  | 80.8 | 30-130 |
| Benzo(b)fluoranthene   | 0.0986 | 0.000138 | "     | 0.167 |  | 59   | 30-130 |
| Chrysene               | 0.113  | 0.000256 | "     | 0.167 |  | 67.6 | 30-130 |
| Dibenz(a,h)anthracene  | 0.0937 | 0.000279 | "     | 0.167 |  | 56.1 | 30-130 |
| Fluoranthene           | 0.118  | 0.000529 | "     | 0.167 |  | 70.6 | 30-130 |
| 1-Methylnaphthalene    | 0.11   | 0.00048  | "     | 0.167 |  | 65.8 | 30-130 |
| Indeno(1,2,3-cd)pyrene | 0.0906 | 0.000344 | "     | 0.167 |  | 54.2 | 30-130 |
| Pyrene                 | 0.115  | 0.000387 | "     | 0.167 |  | 68.8 | 30-130 |

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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Ben Baugh  
Project Number: [none]  
Project: Pierce Unit Kennedy #3

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, Inc.**

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

**Batch L549991 - 3550B**

**LCS (LCS-L549991)**

Prepared: 04/29/2021 Analyzed: 04/29/2021

|                             |      |          |       |       |  |      |        |  |  |  |
|-----------------------------|------|----------|-------|-------|--|------|--------|--|--|--|
| Fluorene                    | 0.12 | 0.000501 | mg/Kg | 0.167 |  | 71.8 | 30-130 |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 62.4 |          | "     | 0.333 |  | 62.4 | 33-115 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 64.5 |          | "     | 0.333 |  | 64.5 | 29-110 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 67.5 |          | "     | 0.333 |  | 67.5 | 33-122 |  |  |  |

**LRB (LRB-L549991)**

Prepared: 04/29/2021 Analyzed: 04/29/2021

|                             |      |         |       |       |  |      |        |  |  |  |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| Benzo(a)anthracene          | ND   | 0.00067 | mg/Kg |       |  |      | -      |  |  |  |
| 1-Methylnaphthalene         | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| 2-Methylnaphthalene         | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Pyrene                      | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Anthracene                  | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Benzo(a)pyrene              | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Benzo(b)fluoranthene        | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Benzo(k)fluoranthene        | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Chrysene                    | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Dibenz(a,h)anthracene       | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Fluoranthene                | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Fluorene                    | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Indeno(1,2,3-cd)pyrene      | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Naphthalene                 | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Acenaphthene                | ND   | 0.00067 | "     |       |  |      | -      |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 60.3 |         | "     | 0.333 |  | 60.3 | 33-115 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 61.8 |         | "     | 0.333 |  | 61.8 | 33-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 65.1 |         | "     | 0.333 |  | 65.1 | 29-110 |  |  |  |

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Entrada Consulting Group  
330 Grand Ave. Unit C  
Grand Junction CO 81501

Ben Baugh  
Project Number: [none]  
Project: Pierce Unit Kennedy #3

**Total Metals by 6020B - Quality Control**  
**Waypoint Analytical, Inc.**

| Analyte                          | Result | Reporting Limit                           | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|---|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch L549850 - 3050B</b>     |        |   |       |             |   |      |             |     |           |       |
| <b>MSD (L 99852-MSD-L549850)</b> |        | <b>Source: 99852</b>                      |       |             | Prepared: 04/28/2021 Analyzed: 04/29/2021 |      |             |     |           |       |
| Cadmium                          | 0.531  | 0.0391                                    | mg/Kg | 0.475       | 0.0596                                    | 112  | 75-125      | 2.2 | 80        |       |
| Nickel                           | 6.11   | 0.0743                                    | "     | 2.37        | 3.48                                      | 111  | 75-125      | 5.3 | 80        |       |
| Barium                           | 101    | 0.041                                     | "     | 4.75        | 88.2                                      | 270  | 75-125      | 2.7 | 80        | *     |
| Copper                           | 5.5    | 0.118                                     | "     | 2.37        | 3.04                                      | 104  | 75-125      | 6.5 | 80        |       |
| Lead                             | 6.56   | 0.0115                                    | "     | 2.37        | 4.31                                      | 95   | 75-125      | 5.6 | 80        |       |
| Silver                           | 0.448  | 0.0025                                    | "     | 0.475       | 0.0153                                    | 94   | 75-125      | 7.7 | 80        |       |
| Zinc                             | 39.4   | 0.438                                     | "     | 23.7        | 16.6                                      | 96   | 75-125      | 1   | 80        |       |
| Arsenic                          | 3.68   | 0.0433                                    | "     | 2.37        | 1.67                                      | 85   | 75-125      | 8.8 | 80        |       |
| Selenium                         | 3.72   | 0.102                                     | "     | 4.75        | 0.142                                     | 78   | 75-125      | 5.4 | 80        |       |
| <b>MS (L 99852-MS-L549850)</b>   |        | <b>Source: 99852</b>                      |       |             | Prepared: 04/28/2021 Analyzed: 04/29/2021 |      |             |     |           |       |
| Copper                           | 5.15   | 0.118                                     | mg/Kg | 2.48        | 3.04                                      | 85   | 75-125      |     |           |       |
| Silver                           | 0.484  | 0.0025                                    | "     | 0.496       | 0.0153                                    | 98   | 75-125      |     |           |       |
| Zinc                             | 39.8   | 0.438                                     | "     | 24.8        | 16.6                                      | 94   | 75-125      |     |           |       |
| Nickel                           | 5.79   | 0.0743                                    | "     | 2.48        | 3.48                                      | 93   | 75-125      |     |           |       |
| Lead                             | 6.2    | 0.0115                                    | "     | 2.48        | 4.31                                      | 76   | 75-125      |     |           |       |
| Arsenic                          | 4.02   | 0.0433                                    | "     | 2.48        | 1.67                                      | 95   | 75-125      |     |           |       |
| Selenium                         | 3.93   | 0.102                                     | "     | 4.96        | 0.142                                     | 79   | 75-125      |     |           |       |
| Cadmium                          | 0.543  | 0.0391                                    | "     | 0.496       | 0.0596                                    | 110  | 75-125      |     |           |       |
| Barium                           | 98.3   | 0.041                                     | "     | 4.96        | 88.2                                      | 204  | 75-125      |     |           | *     |
| <b>LCS (LCS-L549850)</b>         |        | Prepared: 04/28/2021 Analyzed: 04/29/2021 |       |             |   |      |             |     |           |       |
| Zinc                             | 23.5   | 0.438                                     | mg/Kg | 25          |   | 94   | 80-120      |     |           |       |
| Arsenic                          | 2.35   | 0.0433                                    | "     | 2.5         |   | 94   | 80-120      |     |           |       |
| Barium                           | 4.96   | 0.041                                     | "     | 5           |   | 99   | 80-120      |     |           |       |
| Cadmium                          | 0.506  | 0.0391                                    | "     | 0.5         |   | 101  | 80-120      |     |           |       |
| Copper                           | 2.39   | 0.118                                     | "     | 2.5         |   | 96   | 80-120      |     |           |       |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Total Metals by 6020B - Quality Control

### Waypoint Analytical, Inc.

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

#### Batch L549850 - 3050B

#### LCS (LCS-L549850)

Prepared: 04/28/2021 Analyzed: 04/29/2021

|          |       |        |       |     |  |    |        |  |  |  |
|----------|-------|--------|-------|-----|--|----|--------|--|--|--|
| Lead     | 2.41  | 0.0115 | mg/Kg | 2.5 |  | 96 | 80-120 |  |  |  |
| Nickel   | 2.3   | 0.0743 | "     | 2.5 |  | 92 | 80-120 |  |  |  |
| Selenium | 4.97  | 0.102  | "     | 5   |  | 99 | 80-120 |  |  |  |
| Silver   | 0.475 | 0.0025 | "     | 0.5 |  | 95 | 80-120 |  |  |  |

#### LRB (LRB-L549850)

Prepared: 04/28/2021 Analyzed: 04/29/2021

|          |    |      |       |  |  |  |   |  |  |  |
|----------|----|------|-------|--|--|--|---|--|--|--|
| Barium   | ND | 0.25 | mg/Kg |  |  |  | - |  |  |  |
| Zinc     | ND | 2.5  | "     |  |  |  | - |  |  |  |
| Arsenic  | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Silver   | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Selenium | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Nickel   | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Lead     | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Copper   | ND | 0.25 | "     |  |  |  | - |  |  |  |
| Cadmium  | ND | 0.25 | "     |  |  |  | - |  |  |  |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

## Total Metals by 7196A - Quality Control Waypoint Analytical, Inc.

| Analyte                  | Result | Reporting Limit      | Units | Spike Level | Source Result                  | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|----------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| <b>Batch L550563 -</b>   |        |                      |       |             |                                |      |             |     |           |       |
| <b>DUP (L 97599-DUP)</b> |        | <b>Source: 97599</b> |       |             | Prepared: Analyzed: 05/03/2021 |      |             |     |           |       |
| Chromium, Hexavalent     | ND     | 0.244                | mg/Kg |             | 97599                          | -    |             | 0   | 20        |       |
| <b>MS (L 97599-MS)</b>   |        | <b>Source: 97599</b> |       |             | Prepared: Analyzed: 05/03/2021 |      |             |     |           |       |
| Chromium, Hexavalent     | 3.29   | 0.244                | mg/Kg | 7.83        | 97599                          | 42   | 75-125      |     |           | *     |
| <b>LCS (LCS)</b>         |        |                      |       |             | Prepared: Analyzed: 05/03/2021 |      |             |     |           |       |
| Chromium, Hexavalent     | 7.58   | 0.244                | mg/Kg | 8           |                                | 95   | 75-125      |     |           |       |
| <b>LRB (LRB)</b>         |        |                      |       |             | Prepared: Analyzed: 05/03/2021 |      |             |     |           |       |
| Chromium, Hexavalent     | ND     | 0.5                  | mg/Kg |             |                                |      | -           |     |           |       |

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Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Ben Baugh

Project Number: [none]

Project: Pierce Unit Kennedy #3

### Notes and Definitions

U Sample is Non-Detect.

R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

J Estimated Value. Analyte below reported quantitation limit.

\* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini, Project Manager