



December 21, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Bonanza - State Pronghorn CPF 41-32 Project Number - [none]

Attached are your analytical results for Bonanza - State Pronghorn CPF 41-32 received by Origins Laboratory, Inc. December 14, 2021. This project is associated with Origins project number Y112332-01.

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
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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Bonanza - State Pronghorn CPF 41-32

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|-------------------------|------------------|
| Background-01@5 | Y112332-01 | Soil | November 22, 2021 11:35 | 12/14/2021 13:10 |

Origins Laboratory, Inc.

Jen Pellegrini For Noelle Doyle Mathis, President

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 8000 W 44th Ave
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Martin C Eckert III
 Project Number: [none]
 Project: Bonanza - State Pronghorn CPF 41-32

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

Sample Receipt Checklist

Origins Work Order: Y112382 Client: Eagle
 Client Project ID: State Pronghorn CPF

Checklist Completed by: JG Shipped Via: HD
 Date/time completed: 12/14/21 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 1 12.7 °C 1 °C 1 °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 ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| 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 ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | | <input checked="" type="checkbox"/> | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| For volatiles in water – is there headspace (> ¼ 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 ⁽¹⁾ ? (note ID of confirmation and was it checked in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH < 2 for samples preserved with HNO3, HCL, H2SO4) / (pH > 10 for samples preserved with NaASO2+NaOH, ZnAc+NaOH) | | | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |

⁽¹⁾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 12/10/21

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini For Noelle Doyle Mathis, President

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 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Bonanza - State Pronghorn CPF 41-32

Background-01@5'
11/22/2021 11:35:00AM

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

Waypoint Analytical, LLC.
Y112332-01 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|---------|------|--------|------|-------|---|---------|------------|------------|--|
| Arsenic | 1.61 | 0.0855 | 0.25 | mg/Kg | 5 | L590290 | 12/15/2021 | 12/16/2021 | |
|---------|------|--------|------|-------|---|---------|------------|------------|--|

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----------------|----------------------|-------------|---|------|-------------|------|-----------|-------|
| Batch L590290 - 3050B | | | | | | | | | | |
| MSD (L 98228-MSD-L590290) | | | Source: 98228 | | Prepared: 12/15/2021 Analyzed: 12/18/2021 | | | | | |
| Arsenic | 5.72 | 0.0855 | mg/Kg | 2.48 | 2.67 | 123 | 75-125 | 54.5 | 80 | |
| MS (L 98228-MS-L590290) | | | Source: 98228 | | Prepared: 12/15/2021 Analyzed: 12/18/2021 | | | | | |
| Arsenic | 3.27 | 0.0855 | mg/Kg | 2.37 | 2.67 | 25 | 75-125 | | | * |
| LCS (LCS-L590290) | | | | | Prepared: 12/15/2021 Analyzed: 12/18/2021 | | | | | |
| Arsenic | 2.46 | 0.0855 | mg/Kg | 2.5 | | 98 | 80-120 | | | |
| LRB (LRB-L590290) | | | | | Prepared: 12/15/2021 Analyzed: 12/16/2021 | | | | | |
| Arsenic | ND | 0.25 | mg/Kg | | | | | | | |

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Notes and Definitions

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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