



September 08, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Wells Ranch AA #21-04 Project Number - [none]

Attached are your analytical results for Noble - Wells Ranch AA #21-04 received by Origins Laboratory, Inc. September 01, 2021. This project is associated with Origins project number Y109025-01.

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



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

### CROSS REFERENCE REPORT

| Sample ID   | Laboratory ID | Matrix | Date Sampled            | Date Received    |
|-------------|---------------|--------|-------------------------|------------------|
| SS-36@0.25' | Y109025-01    | Soil   | September 1, 2021 12:16 | 09/01/2021 14:02 |

Origins Laboratory, Inc.

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

www.originslaboratory.com  
page of

**5201025**

Project Manager: Marty Eckert III  
Project Name: Wells Ranch AA #21-04  
Project Number: 303-433-0174  
Samples Collected By: MEC

Client: Enthalpy Analytical  
Address: 2000 S. High Ave.  
Telephone Number: 303-433-0174  
Email Address: me@enthalpy.com

ORIGINS  
LABORATORY, INC

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | Preservative     | Matrix | Analysis  | Sample Instructions |
|-----------------------|--------------|--------------|-----------------|------------------|--------|-----------|---------------------|
| 5201025               | 09/17/2025   | 14:02        | 1               | Unpreserved      | Soil   | Asst. 5.0 | 1                   |
|                       |              |              |                 | HNO <sub>3</sub> |        |           | 2                   |
|                       |              |              |                 | HCl              |        |           | 3                   |
|                       |              |              |                 | Other            |        |           | 4                   |
|                       |              |              |                 | Groundwater      |        |           | 5                   |
|                       |              |              |                 | Other            |        |           | 6                   |
|                       |              |              |                 | Dr Summ          |        |           | 7                   |
|                       |              |              |                 | Consist #        |        |           | 8                   |
|                       |              |              |                 | Other            |        |           | 9                   |
|                       |              |              |                 |                  |        |           | 10                  |

Relinquished By: [Signature] Date: 09/17/2025 Time: 14:02

Relinquished By: [Signature] Date: 09/17/2025 Time: 14:02

Received By: [Signature] Date: 09/17/2025 Time: 14:02

Received By: [Signature] Date: 09/17/2025 Time: 14:02

Temp Received: 53

Date Results Needed: 09/17/2025

Origins Laboratory, Inc.  
[Signature]  
Jordan A. Merrill For Noelle Doyle Mathis, President

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Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 4000025

Client: Eagle Environmental

Client Project ID: Wells Ranch AA #21-04

Checklist Completed by: KA

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 9/1/21

Airbill #: NS

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

Cooler Number/Temperature: 5.3 °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"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Is there ice present (document if blue ice is used)   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input 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 type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| Were all samples received intact <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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"/> | <input type="checkbox"/>            | <input 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"/> | <input type="checkbox"/>            | <input 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): [Signature]

Date/Time Reviewed: 9/1/21

Origins Laboratory, Inc.

[Signature]

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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**SS-36@0.25'**

**9/1/2021 12:16:00PM**

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

**Origins Laboratory, Inc.**  
**Y109025-01 (Soil)**

**Boron (DTPA Sorbitol)**

|       |       |       |      |   |         |     |            |            |  |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|
| Boron | 0.537 | 0.199 | mg/L | 1 | B110210 | JMA | 09/02/2021 | 09/02/2021 |  |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|

**DRO/ORO by EPA 8015D**

|                                   |    |      |       |   |         |     |            |            |   |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28)                  | ND | 25.0 | mg/kg | 1 | B110112 | KDK | 09/01/2021 | 09/01/2021 | U |
| Residual Range Organics (C28-C40) | ND | 100  | "     | " | "       | KDK | "          | "          | U |

|                        |        |  |        |  |   |   |   |   |  |
|------------------------|--------|--|--------|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 66.3 % |  | 50-150 |  | " | " | " | " |  |
|------------------------|--------|--|--------|--|---|---|---|---|--|

**GBTEX+TMBS**

|                             |    |         |       |   |         |     |   |            |   |
|-----------------------------|----|---------|-------|---|---------|-----|---|------------|---|
| 1,2,4-Trimethylbenzene      | ND | 0.00200 | mg/kg | 1 | B110111 | KDK | " | 09/01/2021 | U |
| 1,3,5-Trimethylbenzene      | ND | 0.00200 | "     | " | "       | KDK | " | "          | U |
| Benzene                     | ND | 0.00200 | "     | " | "       | KDK | " | "          | U |
| Ethylbenzene                | ND | 0.00200 | "     | " | "       | KDK | " | "          | U |
| Toluene                     | ND | 0.00200 | "     | " | "       | KDK | " | "          | U |
| Gasoline Range Hydrocarbons | ND | 0.200   | "     | " | "       | KDK | " | "          | U |
| Xylenes, total              | ND | 0.00200 | "     | " | "       | KDK | " | "          | U |

|                                  |        |  |        |  |   |   |   |   |  |
|----------------------------------|--------|--|--------|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 96.9 % |  | 70-130 |  | " | " | " | " |  |
| Surrogate: Toluene-d8            | 95.2 % |  | 70-130 |  | " | " | " | " |  |
| Surrogate: 4-Bromofluorobenzene  | 101 %  |  | 70-130 |  | " | " | " | " |  |

**Metals by Saturated Paste**

Origins Laboratory, Inc.



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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**SS-36@0.25'**

**9/1/2021 12:16:00PM**

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

**Origins Laboratory, Inc.**  
**Y109025-01 (Soil)**

**Metals by Saturated Paste**

|           |      |       |       |    |        |     |            |            |  |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium   | 2.29 | 0.499 | meq/L | 10 | [CALC] | JMA | 09/02/2021 | 09/02/2021 |  |
| Magnesium | 1.07 | 0.823 | "     | "  | "      | JMA | "          | "          |  |
| Sodium    | 1.23 | 0.435 | "     | "  | "      | JMA | "          | "          |  |

**PAH by 8270D SIM**

|                        |         |         |       |   |         |  |            |            |  |
|------------------------|---------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene    | 0.00191 | 0.00067 | mg/Kg | 1 | L572431 |  | 09/03/2021 | 09/03/2021 |  |
| 2-Methylnaphthalene    | 0.00283 | 0.00067 | "     | " | "       |  | "          | "          |  |
| Acenaphthene           | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Anthracene             | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Benzo(a)anthracene     | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Benzo(a)pyrene         | 0.00033 | 0.00067 | "     | " | "       |  | "          | "          |  |
| Benzo(b)fluoranthene   | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Benzo(k)fluoranthene   | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Chrysene               | 0.0007  | 0.00067 | "     | " | "       |  | "          | "          |  |
| Dibenz(a,h)anthracene  | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Fluoranthene           | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Fluorene               | 0.00101 | 0.00067 | "     | " | "       |  | "          | "          |  |
| Indeno(1,2,3-cd)pyrene | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Naphthalene            | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |
| Pyrene                 | ND      | 0.00067 | "     | " | "       |  | "          | "          |  |

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LABORATORY, INC

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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**SS-36@0.25'**

**9/1/2021 12:16:00PM**

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

**Waypoint Analytical, Inc.**  
**Y109025-01 (Soil)**

**PAH by 8270D SIM**

|                             |        |  |        |  |             |     |            |            |   |
|-----------------------------|--------|--|--------|--|-------------|-----|------------|------------|---|
| Surrogate: 2-Fluorobiphenyl | 63 %   |  | 33-115 |  | L5724<br>31 | JSM | 09/03/2021 | 09/03/2021 |   |
| Surrogate: 4-Terphenyl-d14  | 75.2 % |  | 33-122 |  | "           | "   | "          | "          | " |
| Surrogate: Nitrobenzene-d5  | 72.1 % |  | 29-110 |  | "           | "   | "          | "          | " |

**pH in Soil by 9045D**

|    |      |  |          |   |         |     |            |            |  |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.58 |  | pH Units | 1 | B110204 | JSM | 09/02/2021 | 09/02/2021 |  |
|----|------|--|----------|---|---------|-----|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |       |  |     |   |         |     |            |            |  |
|-----|-------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 0.950 |  | SAR | 1 | B110208 | JMA | 09/02/2021 | 09/02/2021 |  |
|-----|-------|--|-----|---|---------|-----|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |       |         |          |   |         |     |            |            |  |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.549 | 0.00500 | mmhos/cm | 1 | B110206 | JSM | 09/02/2021 | 09/02/2021 |  |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

**Total Metals by 6020B**

|          |       |      |       |   |         |     |            |            |   |
|----------|-------|------|-------|---|---------|-----|------------|------------|---|
| Arsenic  | 1.61  | 0.25 | mg/Kg | 5 | L572418 | JSM | 09/03/2021 | 09/03/2021 |   |
| Barium   | 42.7  | 0.25 | "     | " | "       | "   | "          | "          |   |
| Cadmium  | 0.115 | 0.25 | "     | " | "       | "   | "          | "          | J |
| Copper   | 5.37  | 0.25 | "     | " | "       | "   | "          | "          |   |
| Lead     | 4.83  | 0.25 | "     | " | "       | "   | "          | "          |   |
| Nickel   | 3.82  | 0.25 | "     | " | "       | "   | "          | "          |   |
| Selenium | 0.219 | 0.25 | "     | " | "       | "   | "          | "          | J |

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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**SS-36@0.25'**

**9/1/2021 12:16:00PM**

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

**Waypoint Analytical, Inc.**  
**Y109025-01 (Soil)**

**Total Metals by 6020B**

|        |        |      |       |   |         |   |            |            |   |
|--------|--------|------|-------|---|---------|---|------------|------------|---|
| Silver | 0.0194 | 0.25 | mg/Kg | 5 | L572418 |   | 09/03/2021 | 09/03/2021 | J |
| Zinc   | 27.5   | 2.5  | "     | " | "       | " | "          | "          | " |

**Total Metals by 7196A**

|                      |    |      |       |    |         |  |            |            |  |
|----------------------|----|------|-------|----|---------|--|------------|------------|--|
| Chromium, Hexavalent | ND | 5.08 | mg/Kg | 10 | L572664 |  | 09/01/2021 | 09/07/2021 |  |
|----------------------|----|------|-------|----|---------|--|------------|------------|--|

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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B101111 - EPA 5030 (soil)

Blank (B101111-BLK1)

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                  |      |         |       |       |  |      |        |  |  |   |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| 1,2,4-Trimethylbenzene           | ND   | 0.00200 | mg/kg |       |  |      |        |  |  | U |
| Naphthalene                      | ND   | 0.00380 | "     |       |  |      |        |  |  | U |
| 1,3,5-Trimethylbenzene           | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Benzene                          | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Ethylbenzene                     | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Toluene                          | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Xylenes, total                   | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Gasoline Range Hydrocarbons      | ND   | 0.200   | "     |       |  |      |        |  |  | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 |         | "     | 0.125 |  | 95.2 | 70-130 |  |  |   |
| Surrogate: Toluene-d8            | 0.12 |         | "     | 0.125 |  | 96.3 | 70-130 |  |  |   |
| Surrogate: 4-Bromofluorobenzene  | 0.13 |         | "     | 0.125 |  | 100  | 70-130 |  |  |   |

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 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B110111 - EPA 5030 (soil)

LCS (B110111-BS1)

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                  |        |         |       |        |  |      |        |  |  |  |
|----------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.0486 | 0.00200 | mg/kg | 0.0500 |  | 97.3 | 70-130 |  |  |  |
| Naphthalene                      | 0.0522 | 0.0100  | "     | 0.0500 |  | 104  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0462 | 0.00200 | "     | 0.0500 |  | 92.5 | 70-130 |  |  |  |
| Benzene                          | 0.0489 | 0.00200 | "     | 0.0500 |  | 97.7 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0473 | 0.00200 | "     | 0.0500 |  | 94.6 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.0998 | 0.00400 | "     | 0.100  |  | 99.8 | 70-130 |  |  |  |
| o-Xylene                         | 0.0502 | 0.00200 | "     | 0.0500 |  | 100  | 70-130 |  |  |  |
| Toluene                          | 0.0537 | 0.00200 | "     | 0.0500 |  | 107  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12   |         | "     | 0.125  |  | 93.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.12   |         | "     | 0.125  |  | 96.0 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125  |  | 100  | 70-130 |  |  |  |

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 Project: Noble - Wells Ranch AA #21-04

**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 B110111 - EPA 5030 (soil)

Matrix Spike (B110111-MS1)

Source: Y109002-01

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                  |        |         |       |        |    |      |        |  |  |  |
|----------------------------------|--------|---------|-------|--------|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.0481 | 0.00200 | mg/kg | 0.0500 | ND | 96.2 | 70-130 |  |  |  |
| Naphthalene                      | 0.0534 | 0.0100  | "     | 0.0500 | ND | 107  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0474 | 0.00200 | "     | 0.0500 | ND | 94.9 | 70-130 |  |  |  |
| Benzene                          | 0.0560 | 0.00200 | "     | 0.0500 | ND | 112  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0488 | 0.00200 | "     | 0.0500 | ND | 97.6 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.0990 | 0.00400 | "     | 0.100  | ND | 99.0 | 70-130 |  |  |  |
| o-Xylene                         | 0.0508 | 0.00200 | "     | 0.0500 | ND | 102  | 70-130 |  |  |  |
| Toluene                          | 0.0494 | 0.00200 | "     | 0.0500 | ND | 98.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12   |         | "     | 0.125  |    | 95.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.12   |         | "     | 0.125  |    | 95.5 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125  |    | 102  | 70-130 |  |  |  |

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Jordan A. Merrill For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B110111 - EPA 5030 (soil)

Matrix Spike Dup (B110111-MSD1)

Source: Y109002-01

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                  |        |         |       |        |    |      |        |      |    |  |
|----------------------------------|--------|---------|-------|--------|----|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene           | 0.0449 | 0.00200 | mg/kg | 0.0500 | ND | 89.8 | 70-130 | 6.84 | 20 |  |
| Naphthalene                      | 0.0493 | 0.0100  | "     | 0.0500 | ND | 98.6 | 70-130 | 8.06 | 20 |  |
| 1,3,5-Trimethylbenzene           | 0.0448 | 0.00200 | "     | 0.0500 | ND | 89.5 | 70-130 | 5.81 | 20 |  |
| Benzene                          | 0.0534 | 0.00200 | "     | 0.0500 | ND | 107  | 70-130 | 4.68 | 20 |  |
| Ethylbenzene                     | 0.0465 | 0.00200 | "     | 0.0500 | ND | 93.0 | 70-130 | 4.78 | 20 |  |
| m,p-Xylene                       | 0.0941 | 0.00400 | "     | 0.100  | ND | 94.1 | 70-130 | 5.12 | 20 |  |
| o-Xylene                         | 0.0483 | 0.00200 | "     | 0.0500 | ND | 96.6 | 70-130 | 5.00 | 20 |  |
| Toluene                          | 0.0470 | 0.00200 | "     | 0.0500 | ND | 94.0 | 70-130 | 4.98 | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12   |         | "     | 0.125  |    | 95.2 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.12   |         | "     | 0.125  |    | 95.2 | 70-130 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125  |    | 102  | 70-130 |      |    |  |

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

**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 B1I0112 - EPA 3550B

Blank (B1I0112-BLK1)

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                   |    |      |       |      |  |      |        |  |  |   |
|-----------------------------------|----|------|-------|------|--|------|--------|--|--|---|
| Diesel (C10-C28)                  | ND | 25.0 | mg/kg |      |  |      |        |  |  | U |
| Residual Range Organics (C28-C40) | ND | 100  | "     |      |  |      |        |  |  | U |
| Surrogate: o-Terphenyl            | 19 |      | "     | 25.0 |  | 74.9 | 50-150 |  |  |   |

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B110112 - EPA 3550B**

**LCS (B110112-BS1)**

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                   |     |      |       |      |  |      |        |  |  |  |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28)                  | 803 | 50.0 | mg/kg | 1000 |  | 80.3 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 865 | 200  | "     | 1000 |  | 86.5 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 40  |      | "     | 50.0 |  | 80.4 | 50-150 |  |  |  |

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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B110112 - EPA 3550B**

**Matrix Spike (B110112-MS1)**

**Source: Y109002-01**

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                   |     |      |       |      |    |      |        |  |  |  |
|-----------------------------------|-----|------|-------|------|----|------|--------|--|--|--|
| Diesel (C10-C28)                  | 901 | 50.0 | mg/kg | 1000 | ND | 90.1 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 898 | 200  | "     | 1000 | ND | 89.8 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 39  |      | "     | 50.0 |    | 77.9 | 50-150 |  |  |  |

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Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

**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 B110112 - EPA 3550B

Matrix Spike Dup (B110112-MSD1)

Source: Y109002-01

Prepared: 09/01/2021 Analyzed: 09/01/2021

|                                   |     |      |       |      |    |      |        |      |    |  |
|-----------------------------------|-----|------|-------|------|----|------|--------|------|----|--|
| Diesel (C10-C28)                  | 852 | 50.0 | mg/kg | 1000 | ND | 85.2 | 70-130 | 5.57 | 35 |  |
| Residual Range Organics (C28-C40) | 828 | 200  | "     | 1000 | ND | 82.8 | 70-130 | 8.10 | 35 |  |
| Surrogate: o-Terphenyl            | 39  |      | "     | 50.0 |    | 78.2 | 50-150 |      |    |  |

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 B110204 - NO PREP**

**Duplicate (B110204-DUP1)**

**Source: Y109008-01**

Prepared: 09/02/2021 Analyzed: 09/02/2021

pH 6.17 pH Units 6.28 1.77 25

**Batch B110206 - NO PREP**

**Blank (B110206-BLK1)**

Prepared: 09/02/2021 Analyzed: 09/02/2021

Specific Conductance (EC) 0.00310 0.00500 mmhos/cm

**Duplicate (B110206-DUP1)**

**Source: Y109008-01**

Prepared: 09/02/2021 Analyzed: 09/02/2021

Specific Conductance (EC) 0.0855 0.00500 mmhos/cm 0.0886 3.56 25

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 L572431 - 3550B**

**MSD (L 97625-MSD-L572431)**

**Source: 97625**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                             |       |          |       |       |          |      |        |     |    |  |
|-----------------------------|-------|----------|-------|-------|----------|------|--------|-----|----|--|
| Anthracene                  | 0.122 | 0.000426 | mg/Kg | 0.166 | 97625    | 73.4 | 30-130 | 3.3 | 30 |  |
| Dibenz(a,h)anthracene       | 0.14  | 0.000279 | "     | 0.166 | 0.000551 | 84.3 | 30-130 | 4.3 | 30 |  |
| Pyrene                      | 0.122 | 0.000387 | "     | 0.166 | 97625    | 73.4 | 30-130 | 2.4 | 30 |  |
| Naphthalene                 | 0.104 | 0.000467 | "     | 0.166 | 97625    | 62.6 | 30-130 | 2.9 | 30 |  |
| Indeno(1,2,3-cd)pyrene      | 0.142 | 0.000344 | "     | 0.166 | 0.000484 | 85.5 | 30-130 | 7.2 | 30 |  |
| Fluorene                    | 0.119 | 0.000501 | "     | 0.166 | 97625    | 71.6 | 30-130 | 4.2 | 30 |  |
| Fluoranthene                | 0.122 | 0.000529 | "     | 0.166 | 97625    | 73.4 | 30-130 | 1.6 | 30 |  |
| Benzo(a)pyrene              | 0.126 | 0.000133 | "     | 0.166 | 0.000296 | 75.9 | 30-130 | 2.3 | 30 |  |
| 1-Methylnaphthalene         | 0.106 | 0.00048  | "     | 0.166 | 97625    | 63.8 | 30-130 | 4.8 | 30 |  |
| Chrysene                    | 0.128 | 0.000256 | "     | 0.166 | 97625    | 77.1 | 30-130 | 2.3 | 30 |  |
| 2-Methylnaphthalene         | 0.105 | 0.000542 | "     | 0.166 | 97625    | 63.2 | 30-130 | 4.8 | 30 |  |
| Acenaphthene                | 0.114 | 0.000431 | "     | 0.166 | 97625    | 68.6 | 30-130 | 5.4 | 30 |  |
| Benzo(a)anthracene          | 0.127 | 0.000441 | "     | 0.166 | 97625    | 76.5 | 30-130 | 0.7 | 30 |  |
| Benzo(b)fluoranthene        | 0.126 | 0.000138 | "     | 0.166 | 97625    | 75.9 | 30-130 | 3.1 | 30 |  |
| Benzo(k)fluoranthene        | 0.125 | 0.000486 | "     | 0.166 | 97625    | 75.3 | 30-130 | 8.3 | 30 |  |
| Surrogate: Nitrobenzene-d5  | 69.2  |          | "     | 0.332 | 211      | 69.2 | 29-110 |     |    |  |
| Surrogate: 2-Fluorobiphenyl | 64.1  |          | "     | 0.332 | 193      | 64.1 | 33-115 |     |    |  |
| Surrogate: 4-Terphenyl-d14  | 76.8  |          | "     | 0.332 | 224      | 76.8 | 33-122 |     |    |  |

**MS (L 97625-MS-L572431)**

**Source: 97625**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                      |       |          |       |       |          |      |        |  |  |  |
|----------------------|-------|----------|-------|-------|----------|------|--------|--|--|--|
| 1-Methylnaphthalene  | 0.101 | 0.00048  | mg/Kg | 0.165 | 97625    | 61.2 | 30-130 |  |  |  |
| 2-Methylnaphthalene  | 0.1   | 0.000542 | "     | 0.165 | 97625    | 60.6 | 30-130 |  |  |  |
| Acenaphthene         | 0.108 | 0.000431 | "     | 0.165 | 97625    | 65.4 | 30-130 |  |  |  |
| Anthracene           | 0.118 | 0.000426 | "     | 0.165 | 97625    | 71.5 | 30-130 |  |  |  |
| Benzo(a)anthracene   | 0.126 | 0.000441 | "     | 0.165 | 97625    | 76.3 | 30-130 |  |  |  |
| Benzo(a)pyrene       | 0.129 | 0.000133 | "     | 0.165 | 0.000296 | 78.1 | 30-130 |  |  |  |
| Benzo(b)fluoranthene | 0.13  | 0.000138 | "     | 0.165 | 97625    | 78.7 | 30-130 |  |  |  |

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 L572431 - 3550B**

**MS (L 97625-MS-L572431)**

**Source: 97625**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                             |       |          |       |       |          |      |        |  |  |  |
|-----------------------------|-------|----------|-------|-------|----------|------|--------|--|--|--|
| Fluoranthene                | 0.12  | 0.000529 | mg/Kg | 0.165 | 97625    | 72.7 | 30-130 |  |  |  |
| Dibenz(a,h)anthracene       | 0.134 | 0.000279 | "     | 0.165 | 0.000551 | 81.2 | 30-130 |  |  |  |
| Fluorene                    | 0.114 | 0.000501 | "     | 0.165 | 97625    | 69   | 30-130 |  |  |  |
| Indeno(1,2,3-cd)pyrene      | 0.132 | 0.000344 | "     | 0.165 | 0.000484 | 80   | 30-130 |  |  |  |
| Naphthalene                 | 0.101 | 0.000467 | "     | 0.165 | 97625    | 61.2 | 30-130 |  |  |  |
| Pyrene                      | 0.119 | 0.000387 | "     | 0.165 | 97625    | 72.1 | 30-130 |  |  |  |
| Benzo(k)fluoranthene        | 0.115 | 0.000486 | "     | 0.165 | 97625    | 69.6 | 30-130 |  |  |  |
| Chrysene                    | 0.125 | 0.000256 | "     | 0.165 | 97625    | 75.7 | 30-130 |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 60.9  |          | "     | 0.33  | 193      | 60.9 | 33-115 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 75.7  |          | "     | 0.33  | 224      | 75.7 | 33-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 69.3  |          | "     | 0.33  | 211      | 69.3 | 29-110 |  |  |  |

**LCS (LCS-L572431)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                        |       |          |       |       |  |      |        |  |  |  |
|------------------------|-------|----------|-------|-------|--|------|--------|--|--|--|
| Fluorene               | 0.125 | 0.000501 | mg/Kg | 0.167 |  | 74.8 | 30-130 |  |  |  |
| 2-Methylnaphthalene    | 0.109 | 0.000542 | "     | 0.167 |  | 65.2 | 30-130 |  |  |  |
| Acenaphthene           | 0.118 | 0.000431 | "     | 0.167 |  | 70.6 | 30-130 |  |  |  |
| Benzo(a)anthracene     | 0.133 | 0.000441 | "     | 0.167 |  | 79.6 | 30-130 |  |  |  |
| Benzo(a)pyrene         | 0.137 | 0.000133 | "     | 0.167 |  | 82   | 30-130 |  |  |  |
| Benzo(b)fluoranthene   | 0.136 | 0.000138 | "     | 0.167 |  | 81.4 | 30-130 |  |  |  |
| Benzo(k)fluoranthene   | 0.133 | 0.000486 | "     | 0.167 |  | 79.6 | 30-130 |  |  |  |
| Chrysene               | 0.133 | 0.000256 | "     | 0.167 |  | 79.6 | 30-130 |  |  |  |
| 1-Methylnaphthalene    | 0.111 | 0.00048  | "     | 0.167 |  | 66.4 | 30-130 |  |  |  |
| Fluoranthene           | 0.127 | 0.000529 | "     | 0.167 |  | 76   | 30-130 |  |  |  |
| Indeno(1,2,3-cd)pyrene | 0.168 | 0.000344 | "     | 0.167 |  | 101  | 30-130 |  |  |  |
| Naphthalene            | 0.109 | 0.000467 | "     | 0.167 |  | 65.2 | 30-130 |  |  |  |
| Pyrene                 | 0.128 | 0.000387 | "     | 0.167 |  | 76.6 | 30-130 |  |  |  |
| Dibenz(a,h)anthracene  | 0.17  | 0.000279 | "     | 0.167 |  | 102  | 30-130 |  |  |  |

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 L572431 - 3550B**

**LCS (LCS-L572431)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                             |       |          |       |       |  |      |        |  |  |  |
|-----------------------------|-------|----------|-------|-------|--|------|--------|--|--|--|
| Anthracene                  | 0.129 | 0.000426 | mg/Kg | 0.167 |  | 77.2 | 30-130 |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 70.2  |          | "     | 0.333 |  | 70.2 | 33-115 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 84.3  |          | "     | 0.333 |  | 84.3 | 33-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 84.3  |          | "     | 0.333 |  | 84.3 | 29-110 |  |  |  |

**LRB (LRB-L572431)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|                             |      |         |       |       |  |      |        |  |  |  |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| Acenaphthene                | ND   | 0.00067 | mg/Kg |       |  |      |        |  |  |  |
| Pyrene                      | ND   | 0.00067 | "     |       |  |      |        |  |  |  |
| Fluorene                    | ND   | 0.00067 | "     |       |  |      |        |  |  |  |
| Naphthalene                 | ND   | 0.00067 | "     |       |  |      |        |  |  |  |
| Indeno(1,2,3-cd)pyrene      | ND   | 0.00067 | "     |       |  |      |        |  |  |  |
| 1-Methylnaphthalene         | 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 | "     |       |  |      |        |  |  |  |
| 2-Methylnaphthalene         | ND   | 0.00067 | "     |       |  |      |        |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 62.7 |         | "     | 0.333 |  | 62.7 | 33-115 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 74.7 |         | "     | 0.333 |  | 74.7 | 33-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 70.8 |         | "     | 0.333 |  | 70.8 | 29-110 |  |  |  |

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 L572418 - 3050B**

**MSD (L 98299-MSD-L572418)**

**Source: 98299**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|          |       |        |       |       |        |     |        |      |    |   |
|----------|-------|--------|-------|-------|--------|-----|--------|------|----|---|
| Barium   | 124   | 0.042  | mg/Kg | 4.92  | 107    | 346 | 75-125 | 5.8  | 80 | * |
| Copper   | 10.4  | 0.0806 | "     | 2.46  | 8.2    | 89  | 75-125 | 0    | 80 |   |
| Arsenic  | 3.89  | 0.0855 | "     | 2.46  | 1.85   | 83  | 75-125 | 5    | 80 |   |
| Cadmium  | 0.733 | 0.0259 | "     | 0.492 | 0.289  | 90  | 75-125 | 2.3  | 80 |   |
| Nickel   | 10.4  | 0.0633 | "     | 2.46  | 7.85   | 104 | 75-125 | 1.9  | 80 |   |
| Selenium | 4.11  | 0.103  | "     | 4.92  | 0.309  | 77  | 75-125 | 11.8 | 80 |   |
| Silver   | 0.522 | 0.0067 | "     | 0.492 | 0.0344 | 106 | 75-125 | 6.7  | 80 |   |
| Zinc     | 63    | 0.534  | "     | 24.6  | 38.4   | 100 | 75-125 | 1.9  | 80 |   |
| Lead     | 13.6  | 0.031  | "     | 2.46  | 10.4   | 130 | 75-125 | 3.7  | 80 | * |

**MS (L 98299-MS-L572418)**

**Source: 98299**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|          |       |        |       |       |        |     |        |  |  |   |
|----------|-------|--------|-------|-------|--------|-----|--------|--|--|---|
| Copper   | 10.4  | 0.0806 | mg/Kg | 2.37  | 8.2    | 93  | 75-125 |  |  |   |
| Lead     | 13.1  | 0.031  | "     | 2.37  | 10.4   | 114 | 75-125 |  |  |   |
| Nickel   | 10.2  | 0.0633 | "     | 2.37  | 7.85   | 99  | 75-125 |  |  |   |
| Selenium | 3.65  | 0.103  | "     | 4.73  | 0.309  | 71  | 75-125 |  |  | * |
| Silver   | 0.488 | 0.0067 | "     | 0.473 | 0.0344 | 103 | 75-125 |  |  |   |
| Cadmium  | 0.716 | 0.0259 | "     | 0.473 | 0.289  | 90  | 75-125 |  |  |   |
| Barium   | 117   | 0.042  | "     | 4.73  | 107    | 211 | 75-125 |  |  | * |
| Arsenic  | 3.7   | 0.0855 | "     | 2.37  | 1.85   | 78  | 75-125 |  |  |   |
| Zinc     | 61.8  | 0.534  | "     | 23.7  | 38.4   | 99  | 75-125 |  |  |   |

**LCS (LCS-L572418)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|          |      |        |       |     |  |     |        |  |  |  |
|----------|------|--------|-------|-----|--|-----|--------|--|--|--|
| Arsenic  | 2.42 | 0.0855 | mg/Kg | 2.5 |  | 97  | 80-120 |  |  |  |
| Selenium | 4.89 | 0.103  | "     | 5   |  | 98  | 80-120 |  |  |  |
| Silver   | 0.52 | 0.0067 | "     | 0.5 |  | 104 | 80-120 |  |  |  |
| Zinc     | 24.5 | 0.534  | "     | 25  |  | 98  | 80-120 |  |  |  |
| Lead     | 2.46 | 0.031  | "     | 2.5 |  | 98  | 80-120 |  |  |  |

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 L572418 - 3050B**

**LCS (LCS-L572418)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

|         |      |        |       |     |     |        |
|---------|------|--------|-------|-----|-----|--------|
| Copper  | 2.49 | 0.0806 | mg/Kg | 2.5 | 100 | 80-120 |
| Nickel  | 2.48 | 0.0633 | "     | 2.5 | 99  | 80-120 |
| Barium  | 4.77 | 0.042  | "     | 5   | 95  | 80-120 |
| Cadmium | 0.47 | 0.0259 | "     | 0.5 | 94  | 80-120 |

**LRB (LRB-L572418)**

Prepared: 09/03/2021 Analyzed: 09/03/2021

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

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Wells Ranch AA #21-04

**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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch L572664 -

**DUP (L 98279-DUP)**

Source: 98279

Prepared: Analyzed: 09/07/2021

|                      |    |      |       |  |       |   |   |    |  |  |
|----------------------|----|------|-------|--|-------|---|---|----|--|--|
| Chromium, Hexavalent | ND | 1.22 | mg/Kg |  | 98279 | - | 0 | 20 |  |  |
|----------------------|----|------|-------|--|-------|---|---|----|--|--|

**MS (L 98279-MS)**

Source: 98279

Prepared: Analyzed: 09/07/2021

|                      |    |      |       |      |       |   |        |  |  |   |
|----------------------|----|------|-------|------|-------|---|--------|--|--|---|
| Chromium, Hexavalent | ND | 2.44 | mg/Kg | 7.92 | 98279 | 0 | 75-125 |  |  | * |
|----------------------|----|------|-------|------|-------|---|--------|--|--|---|

**LCS (LCS)**

Prepared: Analyzed: 09/07/2021

|                      |      |       |       |   |    |        |  |  |  |  |
|----------------------|------|-------|-------|---|----|--------|--|--|--|--|
| Chromium, Hexavalent | 6.53 | 0.244 | mg/Kg | 8 | 82 | 75-125 |  |  |  |  |
|----------------------|------|-------|-------|---|----|--------|--|--|--|--|

**LRB (LRB)**

Prepared: Analyzed: 09/07/2021

|                      |    |     |       |  |  |   |  |  |  |  |
|----------------------|----|-----|-------|--|--|---|--|--|--|--|
| Chromium, Hexavalent | ND | 0.5 | mg/Kg |  |  | - |  |  |  |  |
|----------------------|----|-----|-------|--|--|---|--|--|--|--|

Origins Laboratory, Inc.



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Jordan A. Merrill For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Wells Ranch AA #21-04

## Notes and Definitions

- U Sample is Non-Detect.
  - 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.

Origins Laboratory, Inc.



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