



December 28, 2023

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Millage C #11-22

Project Number - [none]

Attached are your analytical results for Noble - Millage C #11-22 received by Origins Laboratory, Inc. December 05, 2023. This project is associated with Origins project number Y312119-01.

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, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Millage C #11-22

CROSS REFERENCE REPORT

| Sample ID   | Laboratory ID | Matrix | Date Sampled           | Date Received    |
|-------------|---------------|--------|------------------------|------------------|
| WH-FS-01@7' | Y312119-01    | Soil   | December 5, 2023 10:26 | 12/05/2023 14:25 |

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: U312119

Client: Eagle

Client Project ID: Millage C 11-22

Checklist Completed by: ETS

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

Date/time completed: 12/5/23

Airbill #: N/A

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

Cooler Number/Temperature: 117 °C \_\_\_\_\_ °C \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: 7004

| 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"/> |                                     | SD                |
| 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 (> 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 <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) [Signature]

Date/Time Reviewed 12/7/23

Origins Laboratory, Inc.

[Signature]

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 Project Number: [none]  
 Project: Noble - Millage C #11-22

**WH-FS-01@7'**

**12/5/2023 10:26:00AM**

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

**Origins Laboratory, Inc.**  
**Y312119-01 (Soil)**

**Boron (DTPA Sorbitol)**

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.754 |  | 0.0995 | mg/L | 1 | B3L0612 | 12/06/2023 | 12/07/2023 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

**DRO/ORO by EPA 8015D**

|                                   |    |  |      |       |   |         |            |            |   |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28)                  | ND |  | 25.0 | mg/kg | 1 | B3L0624 | 12/06/2023 | 12/09/2023 | U |
| Residual Range Organics (C28-C40) | ND |  | 100  | "     | " | "       | "          | "          | U |

|                        |       |  |        |  |  |   |   |   |  |
|------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 106 % |  | 50-150 |  |  | " | " | " |  |
|------------------------|-------|--|--------|--|--|---|---|---|--|

**GBTEX+TMBs by 8260D**

|                             |    |  |         |       |   |         |            |            |   |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene      | ND |  | 0.00200 | mg/kg | 1 | B3L0620 | 12/06/2023 | 12/07/2023 | U |
| 1,3,5-Trimethylbenzene      | ND |  | 0.00200 | "     | " | "       | "          | "          | U |
| Benzene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | U |
| Ethylbenzene                | ND |  | 0.00200 | "     | " | "       | "          | "          | U |
| Naphthalene                 | ND |  | 0.00380 | "     | " | "       | "          | "          | U |
| Toluene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | U |
| Xylenes, total              | ND |  | 0.00200 | "     | " | "       | "          | "          | U |
| Gasoline Range Hydrocarbons | ND |  | 0.200   | "     | " | "       | "          | "          | U |

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**WH-FS-01@7'**

**12/5/2023 10:26:00AM**

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

**Origins Laboratory, Inc.**  
**Y312119-01 (Soil)**

**GBTEX+TMBs by 8260D**

|                                  |        |  |        |  |  |             |            |            |  |
|----------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: 1,2-Dichloroethane-d4 | 113 %  |  | 70-130 |  |  | B3L06<br>20 | 12/06/2023 | 12/07/2023 |  |
| Surrogate: Toluene-d8            | 98.5 % |  | 70-130 |  |  | "           | "          | "          |  |
| Surrogate: 4-Bromofluorobenzene  | 96.2 % |  | 70-130 |  |  | "           | "          | "          |  |

**Metals by Saturated Paste by EPA 6010**

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 12.3 |  | 0.499 | meq/L | 10 | [CALC] | 12/07/2023 | 12/08/2023 |  |
| Magnesium | 5.00 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 12.6 |  | 0.435 | "     | "  | "      | "          | "          |  |

**PAH by EPA 8270E**

|                         |    |  |       |       |   |         |            |            |   |
|-------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene     | ND |  | 0.002 | mg/kg | 1 | B3L0822 | 12/08/2023 | 12/12/2023 | U |
| 2-Methylnaphthalene     | ND |  | 0.002 | "     | " | "       | "          | "          | U |
| Acenaphthene            | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Anthracene              | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Benzo (a) anthracene    | ND |  | 0.005 | "     | " | "       | "          | "          | U |
| Benzo (a) pyrene        | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Benzo (b) fluoranthene  | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Benzo (k) fluoranthene  | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Chrysene                | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Dibenz (a,h) anthracene | ND |  | 0.020 | "     | " | "       | "          | "          | U |

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**WH-FS-01@7'**

**12/5/2023 10:26:00AM**

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

**Origins Laboratory, Inc.**  
**Y312119-01 (Soil)**

**PAH by EPA 8270E**

|                          |    |  |       |       |   |         |            |            |   |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene             | ND |  | 0.020 | mg/kg | 1 | B3L0822 | 12/08/2023 | 12/12/2023 | U |
| Fluorene                 | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Indeno (1,2,3-cd) pyrene | ND |  | 0.020 | "     | " | "       | "          | "          | U |
| Pyrene                   | ND |  | 0.020 | "     | " | "       | "          | "          | U |

|                                 |        |  |        |  |  |   |   |   |  |
|---------------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: Fluorene-d10         | 107 %  |  | 60-130 |  |  | " | " | " |  |
| Surrogate: Anthracene-d10       | 98.9 % |  | 60-130 |  |  | " | " | " |  |
| Surrogate: Pyrene-d10           | 96.0 % |  | 60-130 |  |  | " | " | " |  |
| Surrogate: Benzo (a) pyrene-d12 | 101 %  |  | 60-130 |  |  | " | " | " |  |

**pH in Soil by 9045D**

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.13 |  |  | pH Units | 1 | B3L0717 | 12/07/2023 | 12/08/2023 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 4.29 |  | 0.0100 | SAR | 1 | B3L0712 | 12/07/2023 | 12/08/2023 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 2.23 |  | 0.00500 | mmhos/cm | 1 | B3L0717 | 12/07/2023 | 12/08/2023 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

**Total Metals by 6020B**

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**WH-FS-01@7'**

**12/5/2023 10:26:00AM**

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

**Waypoint Analytical, LLC.**  
**Y312119-01 (Soil)**

**Total Metals by 6020B**

|          |        |        |      |       |   |         |            |            |   |
|----------|--------|--------|------|-------|---|---------|------------|------------|---|
| Arsenic  | 2.46   | 0.0855 | 0.25 | mg/Kg | 5 | L721431 | 12/08/2023 | 12/24/2023 |   |
| Barium   | 132    | 0.042  | 0.25 | "     | " | "       | "          | "          |   |
| Cadmium  | 0.196  | 0.026  | 0.25 | "     | " | "       | "          | "          | J |
| Copper   | 10.6   | 0.0805 | 0.25 | "     | " | "       | "          | "          |   |
| Lead     | 16.4   | 0.031  | 0.25 | "     | " | "       | "          | "          |   |
| Nickel   | 9.03   | 0.0635 | 0.25 | "     | " | "       | "          | "          |   |
| Selenium | 0.71   | 0.103  | 0.25 | "     | " | "       | "          | "          |   |
| Silver   | 0.0338 | 0.0067 | 0.25 | "     | " | "       | "          | "          | J |
| Zinc     | 40.9   | 0.535  | 2.5  | "     | " | "       | "          | "          |   |

**Total Metals by 7196A**

|                      |    |       |     |       |   |         |            |            |  |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L721735 | 12/05/2023 | 12/12/2023 |  |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|--|

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**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 B3L0620 - EPA 5030 (soil)**

**Blank (B3L0620-BLK1)**

Prepared: 12/06/2023 Analyzed: 12/06/2023

|                                  |      |         |       |       |      |  |        |  |  |   |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 1,2,4-Trimethylbenzene           | ND   | 0.00200 | mg/kg |       |      |  |        |  |  | U |
| 1,3,5-Trimethylbenzene           | ND   | 0.00200 | "     |       |      |  |        |  |  | U |
| Benzene                          | ND   | 0.00200 | "     |       |      |  |        |  |  | U |
| Ethylbenzene                     | ND   | 0.00200 | "     |       |      |  |        |  |  | U |
| Naphthalene                      | ND   | 0.00380 | "     |       |      |  |        |  |  | 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 | 99.3 |  | 70-130 |  |  |   |
| Surrogate: Toluene-d8            | 0.11 |         | "     | 0.125 | 84.9 |  | 70-130 |  |  |   |
| Surrogate: 4-Bromofluorobenzene  | 0.11 |         | "     | 0.125 | 90.4 |  | 70-130 |  |  |   |

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**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 B3L0620 - EPA 5030 (soil)**

**LCS (B3L0620-BS1)**

Prepared: 12/06/2023 Analyzed: 12/06/2023

|                                  |        |         |       |       |  |      |        |  |  |  |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.100  | 0.00200 | mg/kg | 0.100 |  | 100  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.110  | 0.00200 | "     | 0.100 |  | 110  | 70-130 |  |  |  |
| Benzene                          | 0.101  | 0.00200 | "     | 0.100 |  | 101  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0937 | 0.00200 | "     | 0.100 |  | 93.7 | 70-130 |  |  |  |
| Naphthalene                      | 0.104  | 0.00380 | "     | 0.100 |  | 104  | 70-130 |  |  |  |
| Toluene                          | 0.113  | 0.00200 | "     | 0.100 |  | 113  | 70-130 |  |  |  |
| o-Xylene                         | 0.0933 | 0.00200 | "     | 0.100 |  | 93.3 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.195  | 0.00400 | "     | 0.200 |  | 97.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13   |         | "     | 0.125 |  | 103  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.14   |         | "     | 0.125 |  | 114  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.11   |         | "     | 0.125 |  | 91.5 | 70-130 |  |  |  |

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**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 B3L0620 - EPA 5030 (soil)

| Matrix Spike (B3L0620-MS1)       | Source: Y312030-01 |         |       | Prepared: 12/06/2023 Analyzed: 12/06/2023 |         |      |        |  |  |  |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.105              | 0.00200 | mg/kg | 0.100                                     | ND      | 105  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.114              | 0.00200 | "     | 0.100                                     | ND      | 114  | 70-130 |  |  |  |
| Benzene                          | 0.110              | 0.00200 | "     | 0.100                                     | ND      | 110  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0905             | 0.00200 | "     | 0.100                                     | ND      | 90.5 | 70-130 |  |  |  |
| Naphthalene                      | 0.122              | 0.00380 | "     | 0.100                                     | 0.00128 | 121  | 70-130 |  |  |  |
| Toluene                          | 0.116              | 0.00200 | "     | 0.100                                     | ND      | 116  | 70-130 |  |  |  |
| o-Xylene                         | 0.113              | 0.00200 | "     | 0.100                                     | ND      | 113  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.199              | 0.00400 | "     | 0.200                                     | ND      | 99.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.15               |         | "     | 0.125                                     |         | 119  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.15               |         | "     | 0.125                                     |         | 117  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.14               |         | "     | 0.125                                     |         | 112  | 70-130 |  |  |  |

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**Origins Laboratory, Inc.**

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

**Batch B3L0620 - EPA 5030 (soil)**

| Matrix Spike Dup (B3L0620-MSD1)  | Source: Y312030-01 |         |       | Prepared: 12/06/2023 Analyzed: 12/06/2023 |         |      |        |      |    |  |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene           | 0.110              | 0.00200 | mg/kg | 0.100                                     | ND      | 110  | 70-130 | 5.21 | 20 |  |
| 1,3,5-Trimethylbenzene           | 0.108              | 0.00200 | "     | 0.100                                     | ND      | 108  | 70-130 | 5.73 | 20 |  |
| Benzene                          | 0.105              | 0.00200 | "     | 0.100                                     | ND      | 105  | 70-130 | 4.52 | 20 |  |
| Ethylbenzene                     | 0.0841             | 0.00200 | "     | 0.100                                     | ND      | 84.1 | 70-130 | 7.29 | 20 |  |
| Naphthalene                      | 0.102              | 0.00380 | "     | 0.100                                     | 0.00128 | 100  | 70-130 | 18.5 | 20 |  |
| Toluene                          | 0.118              | 0.00200 | "     | 0.100                                     | ND      | 118  | 70-130 | 1.84 | 20 |  |
| o-Xylene                         | 0.0960             | 0.00200 | "     | 0.100                                     | ND      | 96.0 | 70-130 | 16.6 | 20 |  |
| m,p-Xylene                       | 0.176              | 0.00400 | "     | 0.200                                     | ND      | 88.0 | 70-130 | 12.5 | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14               |         | "     | 0.125                                     |         | 112  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.16               |         | "     | 0.125                                     |         | 128  | 70-130 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13               |         | "     | 0.125                                     |         | 104  | 70-130 |      |    |  |

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 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**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 B3L0624 - EPA 3550B</b>  |        |                 |       |             |   |      |             |     |           |       |
| <b>Blank (B3L0624-BLK1)</b>       |        |                 |       |             |   |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 12/06/2023 Analyzed: 12/08/2023 |      |             |     |           |       |
| Diesel (C10-C28)                  | ND     | 25.0            | mg/kg |             |   |      |             |     |           | U     |
| Residual Range Organics (C28-C40) | ND     | 100             | "     |             |   |      |             |     |           | U     |
| Surrogate: o-Terphenyl            | 29     |                 | "     | 24.9        |   | 117  | 50-150      |     |           |       |

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 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**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 B3L0624 - EPA 3550B**

**LCS (B3L0624-BS1)**

Prepared: 12/06/2023 Analyzed: 12/08/2023

|                                   |     |      |       |      |  |      |        |  |  |  |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28)                  | 899 | 50.0 | mg/kg | 1000 |  | 89.9 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 892 | 200  | "     | 1000 |  | 89.2 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 53  |      | "     | 49.8 |  | 106  | 50-150 |  |  |  |

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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**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 B3L0624 - EPA 3550B**

| <b>Matrix Spike (B3L0624-MS1)</b> | <b>Source: Y312072-01</b> |      |       | Prepared: 12/06/2023 Analyzed: 12/08/2023 |    |      |        |  |  |  |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28)                  | 934                       | 50.0 | mg/kg | 1000                                      | ND | 93.4 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 922                       | 200  | "     | 1000                                      | ND | 92.2 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 50                        |      | "     | 49.8                                      |    | 101  | 50-150 |  |  |  |

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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**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                                     |
|--|--------|-----------------|-------|-------------|---------------------------|------|-------------|-------|-----------|---|
| <b>Batch B3L0624 - EPA 3550B</b>       |        |                 |       |             |                           |      |             |       |           |   |
| <b>Matrix Spike Dup (B3L0624-MSD1)</b> |        |                 |       |             | <b>Source: Y312072-01</b> |      |             |       |           | Prepared: 12/06/2023 Analyzed: 12/08/2023 |
| Diesel (C10-C28)                       | 930    | 50.0            | mg/kg | 1000        | ND                        | 93.0 | 70-130      | 0.386 | 35        |   |
| Residual Range Organics (C28-C40)      | 916    | 200             | "     | 1000        | ND                        | 91.6 | 70-130      | 0.604 | 35        |   |
| Surrogate: o-Terphenyl                 | 48     |                 | "     | 49.8        |                           | 96.6 | 50-150      |       |           |   |

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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

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

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B3L0822 - EPA 3580**

**Blank (B3L0822-BLK1)**

Prepared: 12/08/2023 Analyzed: 12/12/2023

|                                 |     |       |       |     |  |      |        |  |  |   |
|---------------------------------|-----|-------|-------|-----|--|------|--------|--|--|---|
| 1-Methylnaphthalene             | ND  | 0.002 | mg/kg |     |  |      |        |  |  | U |
| 2-Methylnaphthalene             | ND  | 0.002 | "     |     |  |      |        |  |  | U |
| Acenaphthene                    | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Anthracene                      | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Benzo (a) anthracene            | ND  | 0.005 | "     |     |  |      |        |  |  | U |
| Benzo (a) pyrene                | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Benzo (b) fluoranthene          | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Benzo (g,h,i) perylene          | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Benzo (k) fluoranthene          | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Chrysene                        | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Dibenz (a,h) anthracene         | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Fluoranthene                    | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Fluorene                        | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Indeno (1,2,3-cd) pyrene        | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Naphthalene                     | ND  | 0.002 | "     |     |  |      |        |  |  | U |
| Phenanthrene                    | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Pyrene                          | ND  | 0.020 | "     |     |  |      |        |  |  | U |
| Surrogate: Fluorene-d10         | 210 |       | ug/kg | 200 |  | 106  | 60-130 |  |  |   |
| Surrogate: Anthracene-d10       | 190 |       | "     | 200 |  | 97.1 | 60-130 |  |  |   |
| Surrogate: Pyrene-d10           | 190 |       | "     | 200 |  | 94.2 | 60-130 |  |  |   |
| Surrogate: Benzo (a) pyrene-d12 | 200 |       | "     | 200 |  | 100  | 60-130 |  |  |   |

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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B3L0822 - EPA 3580**

**LCS (B3L0822-BS1)**

Prepared: 12/08/2023 Analyzed: 12/12/2023

|                                 |       |       |       |       |  |      |        |  |  |  |
|---------------------------------|-------|-------|-------|-------|--|------|--------|--|--|--|
| 1-Methylnaphthalene             | 0.203 | 0.002 | mg/kg | 0.200 |  | 101  | 70-130 |  |  |  |
| 2-Methylnaphthalene             | 0.201 | 0.002 | "     | 0.200 |  | 101  | 70-130 |  |  |  |
| Acenaphthene                    | 0.194 | 0.020 | "     | 0.200 |  | 97.2 | 70-130 |  |  |  |
| Anthracene                      | 0.203 | 0.020 | "     | 0.200 |  | 101  | 70-130 |  |  |  |
| Benzo (a) anthracene            | 0.181 | 0.005 | "     | 0.200 |  | 90.5 | 70-130 |  |  |  |
| Benzo (a) pyrene                | 0.195 | 0.020 | "     | 0.200 |  | 97.6 | 70-130 |  |  |  |
| Benzo (b) fluoranthene          | 0.176 | 0.020 | "     | 0.200 |  | 88.0 | 70-130 |  |  |  |
| Benzo (g,h,i) perylene          | 0.206 | 0.020 | "     | 0.200 |  | 103  | 70-130 |  |  |  |
| Benzo (k) fluoranthene          | 0.166 | 0.020 | "     | 0.200 |  | 83.0 | 70-130 |  |  |  |
| Chrysene                        | 0.175 | 0.020 | "     | 0.200 |  | 87.3 | 70-130 |  |  |  |
| Dibenz (a,h) anthracene         | 0.200 | 0.020 | "     | 0.200 |  | 100  | 70-130 |  |  |  |
| Fluoranthene                    | 0.203 | 0.020 | "     | 0.200 |  | 102  | 70-130 |  |  |  |
| Fluorene                        | 0.213 | 0.020 | "     | 0.200 |  | 106  | 70-130 |  |  |  |
| Indeno (1,2,3-cd) pyrene        | 0.221 | 0.020 | "     | 0.200 |  | 111  | 70-130 |  |  |  |
| Naphthalene                     | 0.196 | 0.002 | "     | 0.200 |  | 97.8 | 70-130 |  |  |  |
| Phenanthrene                    | 0.187 | 0.020 | "     | 0.200 |  | 93.4 | 70-130 |  |  |  |
| Pyrene                          | 0.176 | 0.020 | "     | 0.200 |  | 88.0 | 70-130 |  |  |  |
| Surrogate: Fluorene-d10         | 210   |       | ug/kg | 200   |  | 107  | 60-130 |  |  |  |
| Surrogate: Anthracene-d10       | 190   |       | "     | 200   |  | 97.0 | 60-130 |  |  |  |
| Surrogate: Pyrene-d10           | 190   |       | "     | 200   |  | 93.7 | 60-130 |  |  |  |
| Surrogate: Benzo (a) pyrene-d12 | 200   |       | "     | 200   |  | 99.6 | 60-130 |  |  |  |

**Matrix Spike (B3L0822-MS1)**

**Source: Y312119-01**

Prepared: 12/08/2023 Analyzed: 12/12/2023

|                     |       |       |       |       |    |      |        |  |  |  |
|---------------------|-------|-------|-------|-------|----|------|--------|--|--|--|
| 1-Methylnaphthalene | 0.216 | 0.002 | mg/kg | 0.200 | ND | 108  | 70-130 |  |  |  |
| 2-Methylnaphthalene | 0.208 | 0.002 | "     | 0.200 | ND | 104  | 70-130 |  |  |  |
| Acenaphthene        | 0.198 | 0.020 | "     | 0.200 | ND | 99.1 | 70-130 |  |  |  |
| Anthracene          | 0.204 | 0.020 | "     | 0.200 | ND | 102  | 70-130 |  |  |  |

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 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B3L0822 - EPA 3580**

| <b>Matrix Spike (B3L0822-MS1)</b> |       | <b>Source: Y312119-01</b> |       |       | Prepared: 12/08/2023 Analyzed: 12/12/2023 |      |        |  |  |  |
|-----------------------------------|-------|---------------------------|-------|-------|---|------|--------|--|--|--|
| Benzo (a) anthracene              | 0.178 | 0.005                     | mg/kg | 0.200 | ND  | 89.0 | 70-130 |  |  |  |
| Benzo (a) pyrene                  | 0.208 | 0.020                     | "     | 0.200 | ND  | 104  | 70-130 |  |  |  |
| Benzo (b) fluoranthene            | 0.185 | 0.020                     | "     | 0.200 | ND  | 92.5 | 70-130 |  |  |  |
| Benzo (g,h,i) perylene            | 0.208 | 0.020                     | "     | 0.200 | ND  | 104  | 70-130 |  |  |  |
| Benzo (k) fluoranthene            | 0.169 | 0.020                     | "     | 0.200 | ND  | 84.4 | 70-130 |  |  |  |
| Chrysene                          | 0.184 | 0.020                     | "     | 0.200 | ND  | 92.2 | 70-130 |  |  |  |
| Dibenz (a,h) anthracene           | 0.206 | 0.020                     | "     | 0.200 | ND  | 103  | 70-130 |  |  |  |
| Fluoranthene                      | 0.210 | 0.020                     | "     | 0.200 | ND  | 105  | 70-130 |  |  |  |
| Fluorene                          | 0.208 | 0.020                     | "     | 0.200 | ND  | 104  | 70-130 |  |  |  |
| Indeno (1,2,3-cd) pyrene          | 0.222 | 0.020                     | "     | 0.200 | ND  | 111  | 70-130 |  |  |  |
| Naphthalene                       | 0.202 | 0.002                     | "     | 0.200 | ND  | 101  | 70-130 |  |  |  |
| Phenanthrene                      | 0.199 | 0.020                     | "     | 0.200 | ND  | 99.3 | 70-130 |  |  |  |
| Pyrene                            | 0.180 | 0.020                     | "     | 0.200 | ND  | 89.9 | 70-130 |  |  |  |
| Surrogate: Fluorene-d10           | 210   |                           | ug/kg | 200   |   | 107  | 60-130 |  |  |  |
| Surrogate: Anthracene-d10         | 200   |                           | "     | 200   |   | 99.3 | 60-130 |  |  |  |
| Surrogate: Pyrene-d10             | 180   |                           | "     | 200   |   | 92.2 | 60-130 |  |  |  |
| Surrogate: Benzo (a) pyrene-d12   | 200   |                           | "     | 200   |   | 98.4 | 60-130 |  |  |  |

| <b>Matrix Spike Dup (B3L0822-MSD1)</b> |       | <b>Source: Y312119-01</b> |       |       | Prepared: 12/08/2023 Analyzed: 12/12/2023 |      |        |       |    |  |
|--|-------|---------------------------|-------|-------|---|------|--------|-------|----|--|
| 1-Methylnaphthalene                    | 0.210 | 0.002                     | mg/kg | 0.200 | ND  | 105  | 70-130 | 2.77  | 20 |  |
| 2-Methylnaphthalene                    | 0.201 | 0.002                     | "     | 0.200 | ND  | 101  | 70-130 | 3.27  | 20 |  |
| Acenaphthene                           | 0.198 | 0.020                     | "     | 0.200 | ND  | 98.8 | 70-130 | 0.293 | 20 |  |
| Anthracene                             | 0.181 | 0.020                     | "     | 0.200 | ND  | 90.7 | 70-130 | 11.5  | 20 |  |
| Benzo (a) anthracene                   | 0.188 | 0.005                     | "     | 0.200 | ND  | 93.8 | 70-130 | 5.27  | 20 |  |
| Benzo (a) pyrene                       | 0.200 | 0.020                     | "     | 0.200 | ND  | 99.9 | 70-130 | 3.87  | 20 |  |
| Benzo (b) fluoranthene                 | 0.182 | 0.020                     | "     | 0.200 | ND  | 90.9 | 70-130 | 1.69  | 20 |  |
| Benzo (g,h,i) perylene                 | 0.202 | 0.020                     | "     | 0.200 | ND  | 101  | 70-130 | 2.87  | 20 |  |

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 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

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

Batch B3L0822 - EPA 3580

| Matrix Spike Dup (B3L0822-MSD1) | Source: Y312119-01 |       |       | Prepared: 12/08/2023 Analyzed: 12/12/2023 |    |      |        |       |    |  |
|---------------------------------|--------------------|-------|-------|---|----|------|--------|-------|----|--|
| Benzo (k) fluoranthene          | 0.170              | 0.020 | mg/kg | 0.200                                     | ND | 85.1 | 70-130 | 0.725 | 20 |  |
| Chrysene                        | 0.177              | 0.020 | "     | 0.200                                     | ND | 88.3 | 70-130 | 4.30  | 20 |  |
| Dibenz (a,h) anthracene         | 0.202              | 0.020 | "     | 0.200                                     | ND | 101  | 70-130 | 2.06  | 20 |  |
| Fluoranthene                    | 0.207              | 0.020 | "     | 0.200                                     | ND | 104  | 70-130 | 1.24  | 20 |  |
| Fluorene                        | 0.207              | 0.020 | "     | 0.200                                     | ND | 103  | 70-130 | 0.544 | 20 |  |
| Indeno (1,2,3-cd) pyrene        | 0.214              | 0.020 | "     | 0.200                                     | ND | 107  | 70-130 | 3.63  | 20 |  |
| Naphthalene                     | 0.199              | 0.002 | "     | 0.200                                     | ND | 99.3 | 70-130 | 1.68  | 20 |  |
| Phenanthrene                    | 0.194              | 0.020 | "     | 0.200                                     | ND | 97.2 | 70-130 | 2.18  | 20 |  |
| Pyrene                          | 0.182              | 0.020 | "     | 0.200                                     | ND | 90.8 | 70-130 | 1.06  | 20 |  |
| Surrogate: Fluorene-d10         | 210                |       | ug/kg | 200                                       |    | 106  | 60-130 |       |    |  |
| Surrogate: Anthracene-d10       | 200                |       | "     | 200                                       |    | 98.1 | 60-130 |       |    |  |
| Surrogate: Pyrene-d10           | 190                |       | "     | 200                                       |    | 92.8 | 60-130 |       |    |  |
| Surrogate: Benzo (a) pyrene-d12 | 200                |       | "     | 200                                       |    | 98.0 | 60-130 |       |    |  |

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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B3L0612 - DTPA Sorbitol Preparation**

**Blank (B3L0612-BLK1)**

Prepared: 12/06/2023 Analyzed: 12/07/2023

Boron ND 0.100 mg/L

**Duplicate (B3L0612-DUP1)**

**Source: Y312038-01**

Prepared: 12/06/2023 Analyzed: 12/07/2023

Boron 0.774 0.0999 mg/L 0.690 11.5 50

**Batch B3L0712 - Saturated Paste Metals**

**Blank (B3L0712-BLK1)**

Prepared: 12/07/2023 Analyzed: 12/08/2023

SAR ND 0.0100 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B3L0712-DUP1)**

**Source: Y312116-01**

Prepared: 12/07/2023 Analyzed: 12/08/2023

SAR ND 0.0100 SAR 0.617 200

Calcium PPM 79.3 10.0 mg/L 56.2 34.2 50

Magnesium PPM 29.0 10.0 " 21.0 32.0 50

Sodium PPM 23.1 10.0 " 21.4 7.74 50

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 Wheat Ridge CO 80033

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

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

**Batch B3L0717 - Saturated Paste pH/EC**

**Blank (B3L0717-BLK1)**

Prepared: 12/07/2023 Analyzed: 12/08/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B3L0717-DUP1)**

**Source: Y312116-01**

Prepared: 12/07/2023 Analyzed: 12/08/2023

|                           |       |         |          |  |       |  |  |       |    |  |
|---------------------------|-------|---------|----------|--|-------|--|--|-------|----|--|
| pH                        | 8.21  |         | pH Units |  | 8.27  |  |  | 0.728 | 25 |  |
| Specific Conductance (EC) | 0.687 | 0.00500 | mmhos/cm |  | 0.542 |  |  | 23.6  | 25 |  |

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

Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Millage C #11-22

**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 L721431 - 3050B**

| <b>MSD (L 89037-MSD-L721431)</b> | <b>Source: 89037</b> | <b>Prepared: 12/08/2023 Analyzed: 12/24/2023</b> |
|----------------------------------|----------------------|--|
| Arsenic                          | 5.36                 | 0.25 mg/Kg 2.35 4.88 20 75-125 13.2 80 *         |
| Zinc                             | 69                   | 2.5 " 23.5 70.3 0 75-125 12.5 80 I*              |
| Barium                           | 95.2                 | 0.25 " 4.71 128 0 75-125 10.7 80 I*              |
| Copper                           | 14.7                 | 0.25 " 2.35 18.2 0 75-125 10.3 80 I*             |
| Lead                             | 9.33                 | 0.25 " 2.35 10.8 0 75-125 10.8 80 I*             |
| Nickel                           | 14.4                 | 0.25 " 2.35 18.4 0 75-125 12.3 80 I*             |
| Selenium                         | 4.7                  | 0.25 " 4.71 1.2 74 75-125 16.2 80 *              |
| Silver                           | 0.441                | 0.25 " 0.471 0.0537 82 75-125 15 80              |
| Cadmium                          | 0.664                | 0.25 " 0.471 0.333 70 75-125 10.6 80 *           |

| <b>MS (L 89037-MS-L721431)</b> | <b>Source: 89037</b> | <b>Prepared: 12/08/2023 Analyzed: 12/24/2023</b> |
|--------------------------------|----------------------|--|
| Selenium                       | 5.53                 | 0.25 mg/Kg 4.95 1.2 87 75-125                    |
| Nickel                         | 16.3                 | 0.25 " 2.48 18.4 0 75-125 I*                     |
| Lead                           | 10.4                 | 0.25 " 2.48 10.8 0 75-125 I*                     |
| Copper                         | 16.3                 | 0.25 " 2.48 18.2 0 75-125 I*                     |
| Cadmium                        | 0.739                | 0.25 " 0.495 0.333 82 75-125                     |
| Silver                         | 0.513                | 0.25 " 0.495 0.0537 93 75-125                    |
| Arsenic                        | 6.12                 | 0.25 " 2.48 4.88 50 75-125 *                     |
| Zinc                           | 78.2                 | 2.5 " 24.8 70.3 32 75-125 I*                     |
| Barium                         | 106                  | 0.25 " 4.95 128 0 75-125 I*                      |

| <b>LCS (LCS-L721431)</b> | <b>Prepared: 12/08/2023 Analyzed: 12/24/2023</b> |      |       |     |  |     |        |  |
|--------------------------|--|------|-------|-----|--|-----|--------|--|
| Zinc                     | 25.3   | 2.5  | mg/Kg | 25  |  | 101 | 80-120 |  |
| Cadmium                  | 0.507  | 0.25 | "     | 0.5 |  | 101 | 80-120 |  |
| Barium                   | 5.18   | 0.25 | "     | 5   |  | 104 | 80-120 |  |
| Copper                   | 2.66   | 0.25 | "     | 2.5 |  | 106 | 80-120 |  |
| Lead                     | 2.48   | 0.25 | "     | 2.5 |  | 99  | 80-120 |  |

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 Project: Noble - Millage C #11-22

**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 L721431 - 3050B**

**LCS (LCS-L721431)**

Prepared: 12/08/2023 Analyzed: 12/24/2023

|          |       |      |       |     |  |     |        |  |  |  |
|----------|-------|------|-------|-----|--|-----|--------|--|--|--|
| Nickel   | 2.65  | 0.25 | mg/Kg | 2.5 |  | 106 | 80-120 |  |  |  |
| Selenium | 5.09  | 0.25 | "     | 5   |  | 102 | 80-120 |  |  |  |
| Silver   | 0.506 | 0.25 | "     | 0.5 |  | 101 | 80-120 |  |  |  |
| Arsenic  | 2.52  | 0.25 | "     | 2.5 |  | 101 | 80-120 |  |  |  |

**LRB (LRB-L721431)**

Prepared: 12/08/2023 Analyzed: 12/24/2023

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

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Andrew Newberry  
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 Project: Noble - Millage C #11-22

**Total Metals by 7196A - Quality Control  
 Waypoint Analytical, LLC.**

| Analyte                  | Result | Reporting Limit                | Units | Spike Level | Source Result                  | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| <b>Batch L721735 -</b>   |        |                                |       |             |                                |      |             |     |           |       |
| <b>DUP (L 89032-DUP)</b> |        | <b>Source: 89032</b>           |       |             | Prepared: Analyzed: 12/12/2023 |      |             |     |           |       |
| Chromium, Hexavalent     | ND     | 0.5                            | mg/Kg |             | 89032                          |      | -           | 0   | 20        |       |
| <b>MS (L 89032-MS)</b>   |        | <b>Source: 89032</b>           |       |             | Prepared: Analyzed: 12/12/2023 |      |             |     |           |       |
| Chromium, Hexavalent     | 31.8   | 2.5                            | mg/Kg | 38.7        | 89032                          | 82   | 75-125      |     |           |       |
| <b>LCS (LCS)</b>         |        | Prepared: Analyzed: 12/12/2023 |       |             |                                |      |             |     |           |       |
| Chromium, Hexavalent     | 6.69   | 0.5                            | mg/Kg | 8           |                                | 84   | 75-125      |     |           |       |
| <b>LRB (LRB)</b>         |        | Prepared: Analyzed: 12/12/2023 |       |             |                                |      |             |     |           |       |
| Chromium, Hexavalent     | ND     | 0.5                            | mg/Kg |             |                                |      | -           |     |           |       |

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Andrew Newberry  
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### Notes and Definitions

U Sample is Non-Detect.

J Estimated Value. Analyte below reported quantitation limit.

I\* [Undefined]

\* 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.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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Jordan A. Bynon, Project Manager