

# Grigsby AC19-62HN

NENE Sec. 30, T7N, R 63W  
Fac. ID # 427074  
40.551843 -104.470751  
Spill # 486087

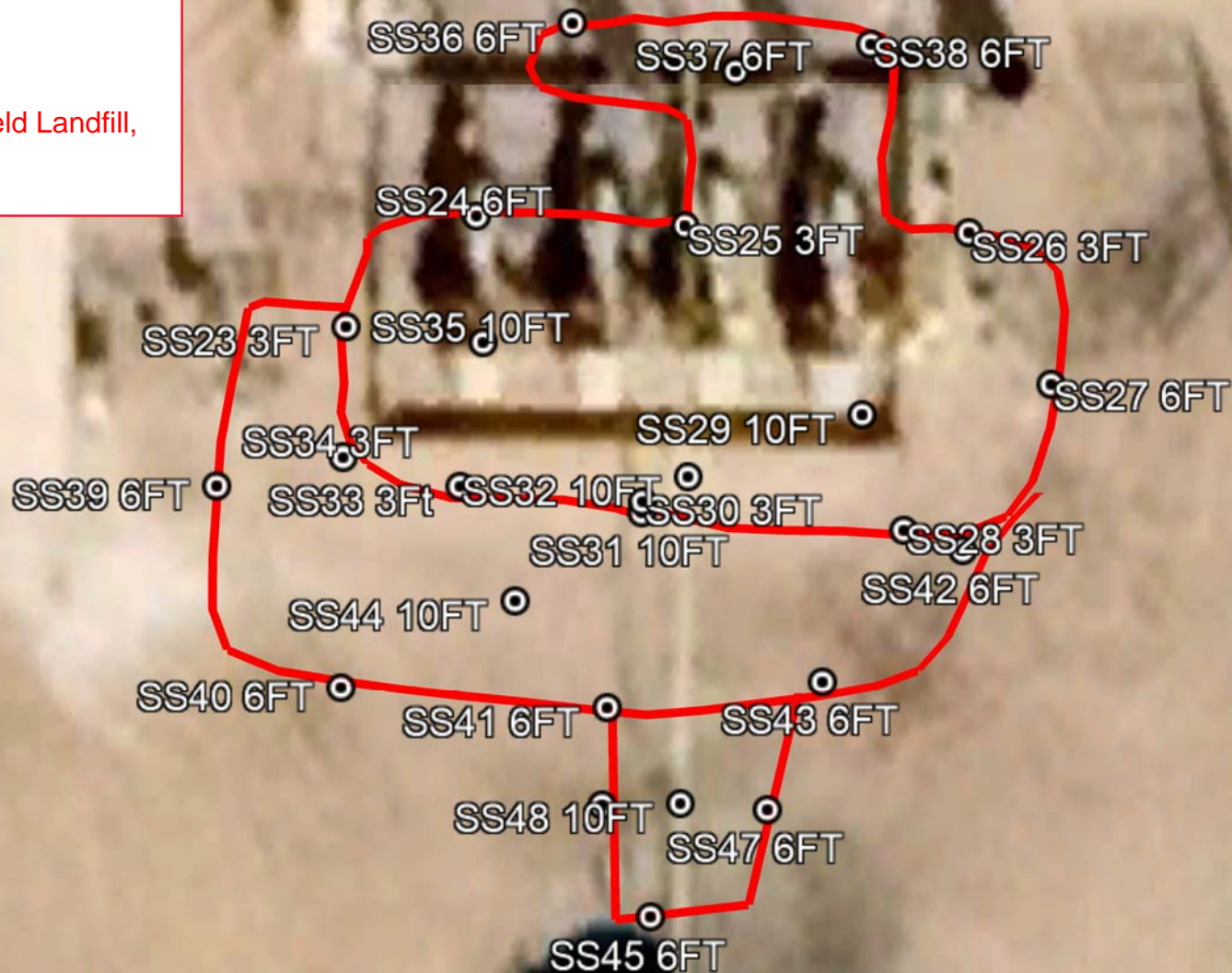
## Legend

⊙ Soil Sample Locations

## Excavation Total

~1,142 cubic yards

Transported to N. Weld Landfill,  
Ault, CO



**TABLE 1**  
**SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA**  
**NOBLE ENERGY INC.**  
**GRIGSBY AC19-62HN, WELD COUNTY, COLORADO**  
**FREMONT PROJECT NO. C024-022**

| Sample ID   | Sample Date | Depth (ft) | Benzene<br>(mg/kg) | Toluene<br>(mg/kg) | Ethyl-Benzene<br>(mg/kg) | Xylenes<br>(mg/kg) | 1,2,4-<br>Trimethyl-<br>Benzene<br>(mg/kg) | 1,3,5-<br>Trimethyl-<br>Benzene<br>(mg/kg) | Naphthalene<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) |
|---|-------------|------------|--------------------|--------------------|--------------------------|--------------------|--|--|------------------------|--------------------|--------------------|--------------------|
| ECMC Table 915-1 Limits (Residential SSL)               |             |            | 1.2                | 490                | 5.8                      | 58                 | 30   | 27   | 2                      | 500**              |                    |                    |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) |             |            | 0.0026             | 0.69               | 0.78                     | 9.9                | 0.0081                                     | 0.0087                                     | 0.0038                 | 500**              |                    |                    |
| Waste Char.   | 1/29/2024   | Grab       | 210                | 500                | 200                      | 710                | 270  | 40   | 46                     | 15000              | 18000              | 10000              |
| SS-01 6 Ft  | 1/31/2024   | 6          | 0.012              | <0.0050            | <0.0050                  | 0.016              | 0.017                                      | 0.011                                      | 0.0079                 | 0.54               | <50                | <50                |
| SS-06 6 Ft  | 1/31/2024   | 6          | <0.002             | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-07 6 Ft  | 1/31/2024   | 6          | <0.002             | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-09 6 Ft  | 1/31/2024   | 6          | 0.016              | 0.014              | <0.0050                  | 0.037              | 0.018                                      | <0.0050                                    | 0.0087                 | 0.52               | <50                | <50                |
| SS-14 6 Ft  | 1/31/2024   | 6          | 0.0092             | 0.016              | 0.015                    | 0.060              | 0.024                                      | 0.012                                      | 0.012                  | 0.67               | <50                | <50                |
| SS-19 4 Ft  | 2/2/2024    | 4          | <0.002             | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | 0.89               | <50                | <50                |
| SS-22 4 Ft  | 2/2/2024    | 4          | <0.002             | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-23 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-24 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-25 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-26 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-27 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-28 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-29 10FT  | 04/04/2024  | 10         | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-30 6FT   | 04/04/2024  | 6          | 0.036              | 0.02               | 0.03                     | 0.07               | 0.094                                      | 0.02                                       | 0.04                   | 3.3                | <50                | <50                |
| SS-32 10FT  | 04/04/2024  | 10         | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-33 6FT   | 04/04/2024  | 6          | 3.300              | 0.12               | 9.50                     | 7.00               | 17.000                                     | 4.70                                       | 0.63                   | 1500               | 6600               | 1500               |
| SS-34 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | 0.02                     | <0.010             | 0.057                                      | <0.0050                                    | <0.0038                | 2.2                | 230                | 67                 |
| SS-35 10FT  | 04/04/2024  | 10         | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-36 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-37 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS-38 6FT   | 04/04/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS39 6FT  | 04/10/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS40 6FT  | 04/10/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS41 6FT  | 04/10/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS42 6FT  | 04/10/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS43 6FT  | 04/10/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |

| Sample ID   | Sample Date | Depth (ft) | Benzene<br>(mg/kg) | Toluene<br>(mg/kg) | Ethyl-Benzene<br>(mg/kg) | Xylenes<br>(mg/kg) | 1,2,4-<br>Trimethyl-<br>Benzene<br>(mg/kg) | 1,3,5-<br>Trimethyl-<br>Benzene<br>(mg/kg) | Naphthalene<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) |
|---|-------------|------------|--------------------|--------------------|--------------------------|--------------------|--|--|------------------------|--------------------|--------------------|--------------------|
| ECMC Table 915-1 Limits (Residential SSL)               |             |            | 1.2                | 490                | 5.8                      | 58                 | 30   | 27   | 2                      | 500**              |                    |                    |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) |             |            | 0.0026             | 0.69               | 0.78                     | 9.9                | 0.0081                                     | 0.0087                                     | 0.0038                 | 500**              |                    |                    |
| SS44 6FT  | 04/11/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS45 6FT  | 04/11/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS46 6FT  | 04/11/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS47 6FT  | 04/11/2024  | 6          | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |
| SS48 10FT   | 04/11/2024  | 10         | <0.0020            | <0.0050            | <0.0050                  | <0.010             | <0.0050                                    | <0.0050                                    | <0.0038                | <0.50              | <50                | <50                |

Bold faced values exceed the ECMC Table 915-1 concentrations

Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

Green highlighted cells indicate soil removed via excavation

\* Indicates laboratory minimum detection limit in excess of SSL

\*\* Summation of GRO+DRO+ORO must be less than 500 mg/kg

NA - Not analyzed

TABLE 2  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
NOBLE ENERGY INC.  
GRIGSBY AC19-62HN, WELD COUNTY, COLORADO  
FREMONT PROJECT NO. C024-022

| Sample ID   | Sample Date | Depth (ft) | Acenaphthene<br>(mg/kg) | Anthracene<br>(mg/kg) | Benzo (a)<br>Anthracene<br>(mg/kg) | Benzo (a)<br>Pyrene<br>(mg/kg) | Benzo (b)<br>Fluoranthene<br>(mg/kg) | Benzo (k)<br>Fluoranthene<br>(mg/kg) | Chrysene<br>(mg/kg) | Dibenzo (a,h)<br>Anthracene<br>(mg/kg) | Fluoranthene<br>(mg/kg) | Fluorene<br>(mg/kg) | Indeno (1,2,3-<br>cd) Pyrene<br>(mg/kg) | Pyrene<br>(mg/kg) | 1-Methyl -<br>Naphthalene<br>(mg/kg) | 2-Methyl-<br>Naphthalene<br>(mg/kg) |
|---|-------------|------------|-------------------------|-----------------------|------------------------------------|--------------------------------|--------------------------------------|--------------------------------------|---------------------|--|-------------------------|---------------------|---|-------------------|--------------------------------------|-------------------------------------|
| ECMC Table 915-1 Limits (Residential SSL)               |             |            | 360                     | 1800                  | 1.1                                | 0.11                           | 1.1                                  | 11                                   | 110                 | 0.11                                   | 240                     | 240                 | 1.1                                     | 180               | 18                                   | 24                                  |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) |             |            | 0.55                    | 5.8                   | 0.011                              | 0.24                           | 0.3                                  | 2.9                                  | 9                   | 0.096                                  | 8.9                     | 0.54                | 0.98                                    | 1.3               | 0.006                                | 0.019                               |
| Waste Char.   | 1/29/2024   | Grab       | 3.990                   | 2.160                 | 2.850                              | <0.500                         | <0.500                               | <0.500                               | 2.69                | <0.500                                 | 0.904                   | 16.4                | <0.500                                  | 1.500             | 195                                  | 252                                 |
| SS-01 6 Ft  | 1/31/2024   | 6          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |
| SS-06 6 Ft  | 1/31/2024   | 6          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |
| SS-07 6 Ft  | 1/31/2024   | 6          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |
| SS-09 6 Ft  | 1/31/2024   | 6          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |
| SS-14 6 Ft  | 1/31/2024   | 6          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | 0.00544                              | 0.00684                             |
| SS-19 4 Ft  | 2/2/2024    | 4          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |
| SS-22 4 Ft  | 2/2/2024    | 4          | <0.00500                | <0.00500              | <0.00500                           | <0.00500                       | <0.00500                             | <0.00500                             | <0.00500            | <0.00500                               | <0.00500                | <0.00500            | <0.00500                                | <0.00500          | <0.00500                             | <0.00500                            |

Bold faced values exceed the ECMC Table 915-1 concentrations  
Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)  
\* Indicates laboratory minimum detection limit in excess of SSL  
NA - Not analyzed  
Green highlighted cells indicate soil removed via excavation

**TABLE 3**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**NOBLE ENERGY INC.**  
**GRIGSBY AC19-62HN, WELD COUNTY, COLORADO**  
**FREMONT PROJECT NO. C024-022**

| Sample ID  | Sample Date | Depth (ft) | pH          | EC<br>(mmhos/cm) | SAR         | Boron (mg/L) |
|--|-------------|------------|-------------|------------------|-------------|--------------|
| ECMC Table 915-1 Soil Suitability Limits               |             |            | 6 - 8.3     | <4               | <6          | 2            |
| Max. Background Concentration (or Concentration Range) |             |            |             |                  |             |              |
| Waste Char.  | 01/29/2024  | Grab       | 7.71        | 0.343            | 1.14        | <2.00        |
| SS-01 6 Ft   | 1/31/2024   | 6          | <b>8.83</b> | 1.52             | <b>13.4</b> | <2.00        |
| SS-06 6 Ft   | 1/31/2024   | 6          | <b>8.64</b> | <b>4.62</b>      | <b>9.08</b> | <2.00        |
| SS-07 6 Ft   | 1/31/2024   | 6          | <b>8.79</b> | 0.942            | <b>7.81</b> | <2.00        |
| SS-09 6 Ft   | 1/31/2024   | 6          | <b>9.76</b> | 1.65             | <b>20.8</b> | <2.00        |
| SS-14 6 Ft   | 1/31/2024   | 6          | <b>8.94</b> | 3.52             | <b>15.1</b> | <2.00        |
| SS-19 4 Ft   | 2/2/2024    | 4          | 8.23        | 0.938            | 5.9         | <2.00        |
| SS-22 4 Ft   | 2/2/2024    | 4          | <b>9.14</b> | 1.09             | <b>13.5</b> | <2.00        |

Bold faced, yellow highlighted values exceed the ECMC Table 915-1 concentrations

Green highlighted cells indicate soil removed via excavation

Orange highlighted cells exceed of the maximum background concentration, or concentration range

Yellow highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

NA - Not analyzed

TABLE 4  
SUMMARY OF METALS IN SOIL CHEMISTRY DATA  
NOBLE ENERGY INC.  
GRIGSBY AC19-62HN, WELD COUNTY, COLORADO  
FREMONT PROJECT NO. C024-022

| Sample ID   | Sample Date | Depth (ft) | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (VI) (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) |
|---|-------------|------------|-----------------|----------------|-----------------|-----------------------|----------------|--------------|----------------|------------------|----------------|--------------|
| ECMC Table 915-1 Limits (Residential SSL)               |             |            | 0.68            | 15000          | 71              | 0.3                   | 3100           | 400          | 1500           | 390              | 390            | 23000        |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) |             |            | 0.29            | 82             | 0.38            | 0.00067               | 46             | 14           | 26             | 0.26             | 0.8            | 370          |
| 125% Max. Background Concentration                      |             |            | -               | -              | -               | -                     | -              | -            | -              | -                | -              | -            |
| Waste Char.   | 01/29/2024  | Grab       | 1.78            | 30.5           | <0.200          | <0.30                 | 3.09           | 2.97         | 2.4            | <0.260           | <0.0200        | 8.74         |
| SS-01 6 Ft  | 1/31/2024   | 6          | 1.72            | 17.9           | 0.25            | <0.30                 | 10.1           | 15.1         | 5.2            | <0.260           | 0.0509         | 28.7         |
| SS-06 6 Ft  | 1/31/2024   | 6          | 3.22            | 10.3           | 0.23            | <0.30                 | 10.1           | 13.9         | 5.51           | <0.260           | 0.0412         | 32.7         |
| SS-07 6 Ft  | 1/31/2024   | 6          | 4.2             | 13.1           | 0.26            | <0.30                 | 7.39           | 9.17         | 7.87           | <0.260           | 0.0345         | 44.9         |
| SS-09 6 Ft  | 1/31/2024   | 6          | 5.3             | 23.8           | 0.33            | <0.30                 | 12             | 15.1         | 8.66           | <0.260           | 0.0521         | 49.1         |
| SS-14 6 Ft  | 1/31/2024   | 6          | 3.74            | 19             | 0.28            | <0.30                 | 9.33           | 12.4         | 7.38           | <0.260           | 0.0437         | 37.8         |
| SS-19 4 Ft  | 2/2/2024    | 4          | 2.02            | 13.6           | 0.205           | <0.30                 | 8.89           | 14           | 4.17           | <0.260           | 0.0603         | 24.6         |
| SS-22 4 Ft  | 2/2/2024    | 4          | 5.5             | 33.7           | 0.298           | <0.30                 | 8.59           | 14.5         | 5.26           | <0.260           | 0.0502         | 28.5         |

Bold faced values exceed the ECMC Table 915-1 concentrations

Red & blue highlighted 915-1 Limits indicate the referenced soil screening level (SSL)

Orange highlighted cells exceed 125% of the maximum background concentration

\* Indicates laboratory minimum detection limit in excess of SSL

Green highlighted cells indicate soil removed via excavation

NA - Not analyzed



## Photo Log



***Description:***

1 - Grigsby AC19-62HN separator release excavation , looking E

## Photo Log



***Description:***

2 - Grigsby AC19-62HN separator release excavation , looking W



## Photo Log

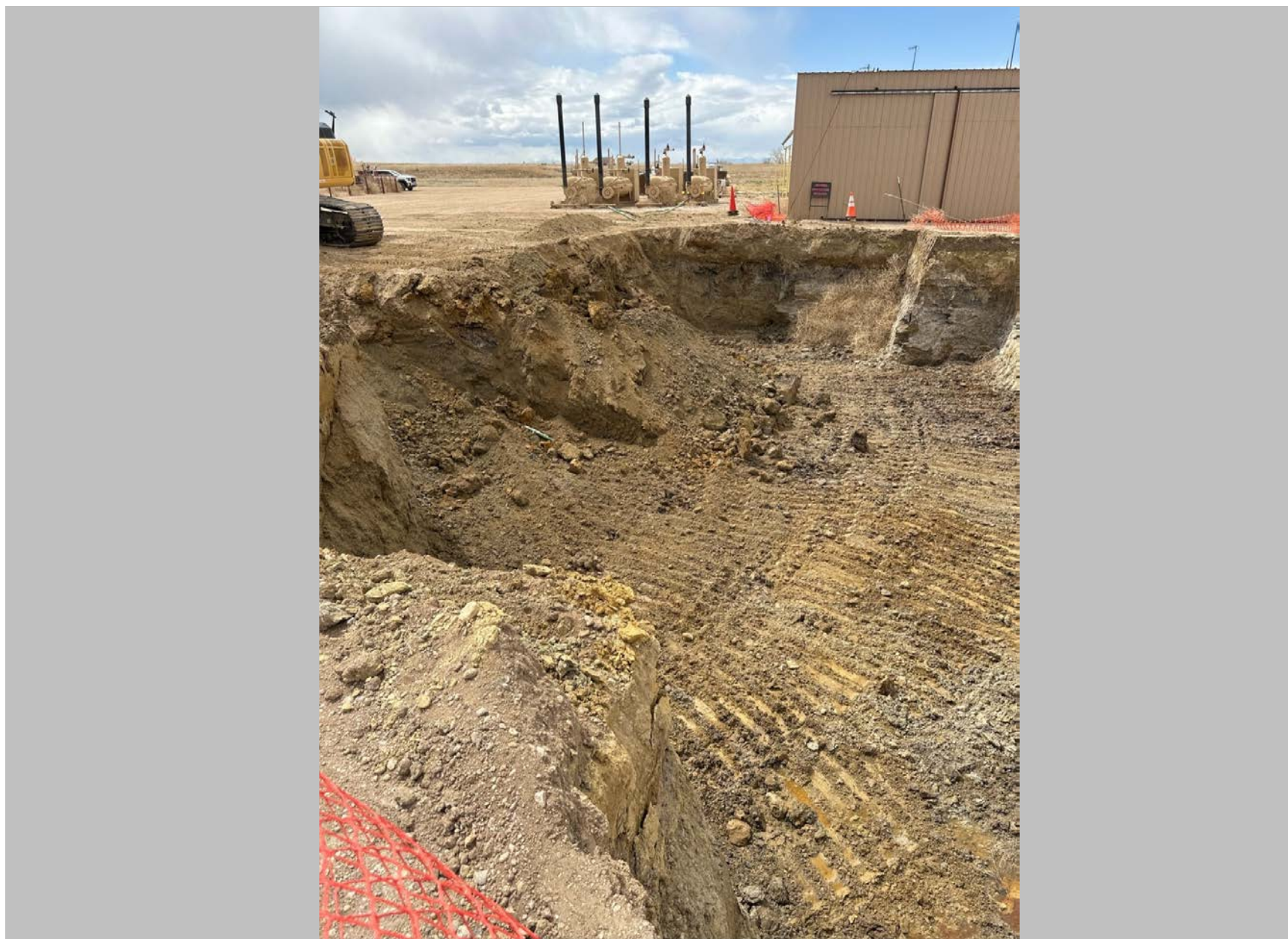


***Description:***

3 - Grigsby AC19-62HN separator release excavation , looking SE



## Photo Log



***Description:***

4- Grigsby AC19-62HN separator release excavation, looking SE toward initial release location (center)





***Description:***

5 - Grigsby AC19-62HN separator release excavation, looking E with fmr. sep. locations in view

## Photo Log



***Description:***

6 - Grigsby AC19-62HN separator release excavation , looking N along dumpline trench, rainwater pooling in the excavation floor from previous night





***Description:***

7 - Grigsby AC19-62HN separator release main excavation, looking N, rainwater pooling in the excavation floor from previous night



***Description:***

8 - Grigsby AC19-62HN separator release excavation , looking NE, rainwater pooling in the excavation floor from previous night

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 08, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

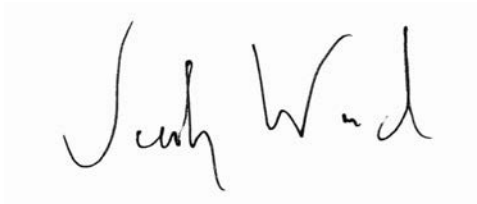
Wellington, CO 80549

RE: Noble - Grigsby AC 19-62HN TB

Work Order #2402041

Enclosed are the results of analyses for samples received by Summit Scientific on 02/02/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/08/24 13:57

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| SS-19 4FT | 2402041-01    | Soil   | 02/02/24 00:00 | 02/02/24 16:30 |
| SS-22 4FT | 2402041-02    | Soil   | 02/02/24 00:00 | 02/02/24 16:30 |

Summit Scientific

*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.*



# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

Lab ID

Page 1 of 1

2402041

|                                       |  |  |  |                  |  |                        |  |
|---------------------------------------|--|--|--|------------------|--|------------------------|--|
| Client: Fremont Environmental, Inc.   |  | Project Manager: Henahan   |  | Send Data To:    |  | Send Invoice To:       |  |
| Address: 8305 6th St.,                |  | E-Mail: (Chevron Dist. List) POC Dist. List, Civitas Dist. List                                |  | Company: Chevron |  | Project Name/Location: |  |
| City/State/Zip: Wellington, CO, 80549 |  | Fremont Dist. List (@fremontenv.com) paulH, ethanB, jakeM, mlsC, jayMS, chrisS, tinaO, sylviaS |  | AFEN#:           |  | PO/Billing Codes:      |  |
| Phone: 603-477-6907                   |  | Project Name: Noble - Grigsby AC19-621HN DB  |  | Contact: Dean P. |  |                        |  |
| Sampler Name: Ethan Black             |  | Project Number:  |  |                  |  |                        |  |

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative |      |      |       | Matrix |      |                |       | Analysis Requested |              |     |                    |                      |                        | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|--------------|-----|--------------------|----------------------|------------------------|----------------------|
|    |                    |              |              |                 | HCl          | HNO3 | None | Other | Water  | Soil | Air-Canister # | Other | BTX, BHT, TMBs     | TPH (C8-C36) | PAH | SAR, EC, pH, Boron | Metals (Table 915-1) | TDS, Chloride, Sulfate |                      |
| 1  | SS-19 4FT          | 2/2/24       |              | X               |              |      | X    |       |        |      |                |       |                    | X            | X   | X                  | X                    |                        |                      |
| 2  | SS-22 4FT          | 2/2/24       |              | X               |              |      | X    |       |        |      |                |       |                    | X            | X   | X                  | X                    |                        |                      |
| 3  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 4  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 5  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 6  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 7  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 8  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 9  |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 10 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 11 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 12 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 13 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 14 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |
| 15 |                    |              |              |                 |              |      |      |       |        |      |                |       |                    |              |     |                    |                      |                        |                      |

|                                      |                                 |                                       |                               |  |             |                                      |
|--------------------------------------|---------------------------------|---------------------------------------|-------------------------------|--|-------------|--------------------------------------|
| Relinquished by: <u>Ethan Black</u>  | Date/Time: <u>2/2/24 1401</u>   | Received by: <u>S2 - North Office</u> | Date/Time: <u>2/2/24 1401</u> | TAT Business Days                            | Field DO    | Notes:<br>Send data Monday AM please |
| Relinquished by: <u>S2</u>           | Date/Time: <u>2/2/24 1630</u>   | Received by: <u>[Signature]</u>       | Date/Time: <u>2/2/24 1600</u> | Same Day <input checked="" type="checkbox"/> | Field EC    |                                      |
|                                      |                                 |                                       |                               | 1 Day  | Field ORP   |                                      |
|                                      |                                 |                                       |                               | 2 Days                                       | Field pH    |                                      |
|                                      |                                 |                                       |                               | 3 Days                                       | Field Temp. |                                      |
|                                      |                                 |                                       |                               | Standard                                     | Field Turb. |                                      |
| Temperature Upon Receipt: <u>9.2</u> | Corrected Temperature: <u>9</u> | IR gun #:                             | HNO3 lot #:                   |  |             |                                      |

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# \_\_\_\_\_

Client: Fremont Client Project ID: Noble-Grigsby Acl9-62 HNTBShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: \_\_\_\_\_
☐ ☐ ☐ ☐ ☐
Matrix (Check all that apply) Air ☐ Sol/Solid ☒ Water ☐ Other ☐Temp (°C) 9.2Thermometer # 1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br><b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | outside           |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| Are samples due within 48 hours present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | Same day          |
| Are water samples with short hold times present?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | no timestamps     |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input 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"/>            |                   |
| 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"/>            |                   |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If dissolved metals are requested, were samples field filtered?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Additional Comments (if any):   |                                     |                                     |                                     |                   |
|   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

AS  
Custodian Printed Name

2/2/24  
Date/Time



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**SS-19 4FT**  
**2402041-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/02/24 00:00**

| Analyte                            | Result      | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                                    |             | Limit     | Units |          |         |          |          |           |       |
| Benzene                            | ND          | 0.0020    | mg/kg | 1        | BHB0090 | 02/02/24 | 02/02/24 | EPA 8260B |       |
| Toluene                            | ND          | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                       | ND          | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)                    | ND          | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene             | ND          | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene             | ND          | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                        | ND          | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>0.89</b> | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/02/24 00:00**

| Analyte                          | Result | Reporting |        | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     | Units  |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0470 | 118 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0380 | 95.0 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0381 | 95.3 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **02/02/24 00:00**

| Analyte       | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     | Units |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHB0092 | 02/02/24 | 02/03/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/02/24 00:00**

| Analyte                | Result | Reporting |        | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     | Units  |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.68   | 61.4 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**SS-19 4FT**  
**2402041-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **02/02/24 00:00**

| Analyte                  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene             | ND     | 0.00500         | mg/kg | 1        | BHB0109 | 02/05/24 | 02/05/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **02/02/24 00:00**

| Analyte                            | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0156 | 46.7 %          | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0135 | 40.4 %          | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 2.00            | mg/L  | 1        | BHB0172 | 02/06/24 | 02/07/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **02/02/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**SS-19 4FT**  
**2402041-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 2.02   | 0.200  | mg/kg dry | 1 | BHB0096 | 02/05/24 | 02/06/24 | EPA 6020B |
| Barium   | 13.6   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.205  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 8.89   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 14.0   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 4.17   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0603 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 24.6   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **02/02/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0116 | 02/05/24 | 02/05/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 20.9   | 0.0500          | mg/L dry | 1        | BHB0093 | 02/02/24 | 02/06/24 | EPA 6020B |       |
| Magnesium | 14.7   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 144    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **02/02/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 5.90   | 0.00100         | units | 1        | BHB0227 | 02/07/24 | 02/07/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **02/02/24 00:00**

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

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/08/24 13:57

**SS-19 4FT**  
**2402041-01 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 80.9 | % | 1 | BHB0095 | 02/05/24 | 02/06/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.938  | 0.0100          | mmhos/cm | 1        | BHB0105 | 02/05/24 | 02/05/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 8.23   |                 | pH Units | 1        | BHB0104 | 02/05/24 | 02/05/24 | EPA 9045D |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/08/24 13:57

**SS-22 4FT**  
**2402041-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **02/02/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHB0090 | 02/02/24 | 02/02/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/02/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0472 | 118 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0377 | 94.2 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0410 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **02/02/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHB0092 | 02/02/24 | 02/03/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **02/02/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 6.89   | 55.1 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**SS-22 4FT**  
**2402041-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **02/02/24 00:00**

| Analyte                  | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                          |        | Limit     |       |          |         |          |          |               |       |
| Acenaphthene             | ND     | 0.00500   | mg/kg | 1        | BHB0109 | 02/05/24 | 02/05/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **02/02/24 00:00**

| Analyte                            | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0164 | 49.2 %    | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0167 | 50.2 %    | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     |       |          |         |          |          |           |       |
| Boron   | ND     | 2.00      | mg/L  | 1        | BHB0172 | 02/06/24 | 02/07/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **02/02/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**SS-22 4FT**  
**2402041-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 5.50   | 0.200  | mg/kg dry | 1 | BHB0096 | 02/05/24 | 02/06/24 | EPA 6020B |
| Barium   | 33.7   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.298  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 8.59   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 14.5   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 5.26   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0502 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 28.5   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **02/02/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0116 | 02/05/24 | 02/05/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 10.7   | 0.0500          | mg/L dry | 1        | BHB0093 | 02/02/24 | 02/06/24 | EPA 6020B |       |
| Magnesium | 4.28   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 206    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **02/02/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 13.5   | 0.00100         | units | 1        | BHB0227 | 02/07/24 | 02/07/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **02/02/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/08/24 13:57

**SS-22 4FT**  
**2402041-02 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 80.5 | % | 1 | BHB0095 | 02/05/24 | 02/06/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.09   | 0.0100          | mmhos/cm | 1        | BHB0105 | 02/05/24 | 02/05/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **02/02/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 9.14   |                 | pH Units | 1        | BHB0104 | 02/05/24 | 02/05/24 | EPA 9045D |       |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHB0090 - EPA 5030 Soil MS

##### Blank (BHB0090-BLK1)

Prepared: 02/02/24 Analyzed: 02/03/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | ND     | 0.0020 | mg/kg |        |  |      |        |  |  |  |
| Toluene                          | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                     | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Xylenes (total)                  | ND     | 0.010  | "     |        |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Naphthalene                      | ND     | 0.0038 | "     |        |  |      |        |  |  |  |
| Gasoline Range Hydrocarbons      | ND     | 0.50   | "     |        |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0425 |        | "     | 0.0400 |  | 106  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0375 |        | "     | 0.0400 |  | 93.8 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0388 |        | "     | 0.0400 |  | 97.0 | 50-150 |  |  |  |

##### LCS (BHB0090-BS1)

Prepared: 02/02/24 Analyzed: 02/03/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.0796 | 0.0020 | mg/kg | 0.100  |  | 79.6 | 70-130 |  |  |  |
| Toluene                          | 0.0916 | 0.0050 | "     | 0.100  |  | 91.6 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0953 | 0.0050 | "     | 0.100  |  | 95.3 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.197  | 0.010  | "     | 0.200  |  | 98.5 | 70-130 |  |  |  |
| o-Xylene                         | 0.0984 | 0.0050 | "     | 0.100  |  | 98.4 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0940 | 0.0050 | "     | 0.100  |  | 94.0 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0941 | 0.0050 | "     | 0.100  |  | 94.1 | 70-130 |  |  |  |
| Naphthalene                      | 0.0889 | 0.0038 | "     | 0.100  |  | 88.9 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0402 |        | "     | 0.0400 |  | 100  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0372 |        | "     | 0.0400 |  | 92.9 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0377 |        | "     | 0.0400 |  | 94.2 | 50-150 |  |  |  |

##### Matrix Spike (BHB0090-MS1)

Source: 2402040-01

Prepared: 02/02/24 Analyzed: 02/03/24

|                                  |        |        |       |        |    |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene                          | 0.0799 | 0.0020 | mg/kg | 0.100  | ND | 79.9 | 70-130 |  |  |  |
| Toluene                          | 0.0935 | 0.0050 | "     | 0.100  | ND | 93.5 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0974 | 0.0050 | "     | 0.100  | ND | 97.4 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.196  | 0.010  | "     | 0.200  | ND | 98.2 | 70-130 |  |  |  |
| o-Xylene                         | 0.0951 | 0.0050 | "     | 0.100  | ND | 95.1 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0894 | 0.0050 | "     | 0.100  | ND | 89.4 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0930 | 0.0050 | "     | 0.100  | ND | 93.0 | 70-130 |  |  |  |
| Naphthalene                      | 0.0833 | 0.0038 | "     | 0.100  | ND | 83.3 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0384 |        | "     | 0.0400 |    | 96.1 | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0378 |        | "     | 0.0400 |    | 94.6 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0380 |        | "     | 0.0400 |    | 94.9 | 50-150 |  |  |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHB0090 - EPA 5030 Soil MS

| Matrix Spike Dup (BHB0090-MSD1)  | Source: 2402040-01 |        |       | Prepared: 02/02/24 Analyzed: 02/03/24 |    |      |        |       |    |  |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|-------|----|--|
| Benzene                          | 0.0804             | 0.0020 | mg/kg | 0.100                                 | ND | 80.4 | 70-130 | 0.636 | 30 |  |
| Toluene                          | 0.0939             | 0.0050 | "     | 0.100                                 | ND | 93.9 | 70-130 | 0.416 | 30 |  |
| Ethylbenzene                     | 0.0923             | 0.0050 | "     | 0.100                                 | ND | 92.3 | 70-130 | 5.31  | 30 |  |
| m,p-Xylene                       | 0.186              | 0.010  | "     | 0.200                                 | ND | 93.1 | 70-130 | 5.36  | 30 |  |
| o-Xylene                         | 0.0903             | 0.0050 | "     | 0.100                                 | ND | 90.3 | 70-130 | 5.18  | 30 |  |
| 1,2,4-Trimethylbenzene           | 0.0843             | 0.0050 | "     | 0.100                                 | ND | 84.3 | 70-130 | 5.91  | 30 |  |
| 1,3,5-Trimethylbenzene           | 0.0869             | 0.0050 | "     | 0.100                                 | ND | 86.9 | 70-130 | 6.77  | 30 |  |
| Naphthalene                      | 0.0804             | 0.0038 | "     | 0.100                                 | ND | 80.4 | 70-130 | 3.48  | 30 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0435             |        | "     | 0.0400                                |    | 109  | 50-150 |       |    |  |
| Surrogate: Toluene-d8            | 0.0381             |        | "     | 0.0400                                |    | 95.2 | 50-150 |       |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0375             |        | "     | 0.0400                                |    | 93.8 | 50-150 |       |    |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHB0092 - EPA 3550A**

**Blank (BHB0092-BLK1)**

Prepared & Analyzed: 02/02/24

|                        |      |    |       |      |     |  |        |  |  |  |
|------------------------|------|----|-------|------|-----|--|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |     |  |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |     |  |        |  |  |  |
| Surrogate: o-Terphenyl | 16.3 |    | "     | 12.5 | 131 |  | 30-150 |  |  |  |

**LCS (BHB0092-BS1)**

Prepared & Analyzed: 02/02/24

|                        |      |    |       |      |      |  |        |  |  |  |
|------------------------|------|----|-------|------|------|--|--------|--|--|--|
| C10-C28 (DRO)          | 470  | 50 | mg/kg | 500  | 94.0 |  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 14.4 |    | "     | 12.5 | 115  |  | 30-150 |  |  |  |

**Matrix Spike (BHB0092-MS1)**

Source: 2402040-01

Prepared & Analyzed: 02/02/24

|                        |      |    |       |      |      |      |        |  |  |  |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO)          | 460  | 50 | mg/kg | 500  | 17.4 | 88.5 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 10.9 |    | "     | 12.5 | 86.9 |      | 30-150 |  |  |  |

**Matrix Spike Dup (BHB0092-MSD1)**

Source: 2402040-01

Prepared & Analyzed: 02/02/24

|                        |      |    |       |      |      |      |        |      |    |  |
|------------------------|------|----|-------|------|------|------|--------|------|----|--|
| C10-C28 (DRO)          | 445  | 50 | mg/kg | 500  | 17.4 | 85.4 | 70-130 | 3.40 | 20 |  |
| Surrogate: o-Terphenyl | 11.0 |    | "     | 12.5 | 87.6 |      | 30-150 |      |    |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

### PAH by EPA Method 8270D SIM - Quality Control

#### Summit Scientific

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

#### Batch BHB0109 - EPA 5030 Soil MS

##### Blank (BHB0109-BLK1)

Prepared & Analyzed: 02/05/24

|                                    |        |         |       |        |  |      |        |  |  |  |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene                       | ND     | 0.00500 | mg/kg |        |  |      |        |  |  |  |
| Anthracene                         | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Benzo (a) anthracene               | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Benzo (a) pyrene                   | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Benzo (b) fluoranthene             | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Benzo (k) fluoranthene             | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Chrysene                           | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Dibenz (a,h) anthracene            | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Fluoranthene                       | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Fluorene                           | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Indeno (1,2,3-cd) pyrene           | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Pyrene                             | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| 1-Methylnaphthalene                | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| 2-Methylnaphthalene                | ND     | 0.00500 | "     |        |  |      |        |  |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0250 |         | "     | 0.0333 |  | 74.9 | 40-150 |  |  |  |
| Surrogate: Fluoranthene-d10        | 0.0272 |         | "     | 0.0333 |  | 81.5 | 40-150 |  |  |  |

##### LCS (BHB0109-BS1)

Prepared & Analyzed: 02/05/24

|                                    |        |         |       |        |  |      |        |  |  |  |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene                       | 0.0257 | 0.00500 | mg/kg | 0.0333 |  | 77.1 | 31-137 |  |  |  |
| Anthracene                         | 0.0260 | 0.00500 | "     | 0.0333 |  | 78.0 | 30-120 |  |  |  |
| Benzo (a) anthracene               | 0.0141 | 0.00500 | "     | 0.0333 |  | 42.3 | 30-120 |  |  |  |
| Benzo (a) pyrene                   | 0.0213 | 0.00500 | "     | 0.0333 |  | 63.8 | 30-120 |  |  |  |
| Benzo (b) fluoranthene             | 0.0189 | 0.00500 | "     | 0.0333 |  | 56.6 | 30-120 |  |  |  |
| Benzo (k) fluoranthene             | 0.0243 | 0.00500 | "     | 0.0333 |  | 73.0 | 30-120 |  |  |  |
| Chrysene                           | 0.0267 | 0.00500 | "     | 0.0333 |  | 80.0 | 30-120 |  |  |  |
| Dibenz (a,h) anthracene            | 0.0190 | 0.00500 | "     | 0.0333 |  | 57.1 | 30-120 |  |  |  |
| Fluoranthene                       | 0.0256 | 0.00500 | "     | 0.0333 |  | 76.7 | 30-120 |  |  |  |
| Fluorene                           | 0.0254 | 0.00500 | "     | 0.0333 |  | 76.3 | 30-120 |  |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0217 | 0.00500 | "     | 0.0333 |  | 65.1 | 30-120 |  |  |  |
| Pyrene                             | 0.0275 | 0.00500 | "     | 0.0333 |  | 82.5 | 35-142 |  |  |  |
| 1-Methylnaphthalene                | 0.0316 | 0.00500 | "     | 0.0333 |  | 94.8 | 35-142 |  |  |  |
| 2-Methylnaphthalene                | 0.0228 | 0.00500 | "     | 0.0333 |  | 68.5 | 35-142 |  |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0319 |         | "     | 0.0333 |  | 95.6 | 40-150 |  |  |  |
| Surrogate: Fluoranthene-d10        | 0.0260 |         | "     | 0.0333 |  | 78.1 | 40-150 |  |  |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BHB0109 - EPA 5030 Soil MS

##### Matrix Spike (BHB0109-MS1)

Source: 2401589-01

Prepared & Analyzed: 02/05/24

|                                    |        |         |       |        |    |      |        |  |  |  |  |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|--|--|
| Acenaphthene                       | 0.0190 | 0.00500 | mg/kg | 0.0333 | ND | 57.0 | 31-137 |  |  |  |  |
| Anthracene                         | 0.0192 | 0.00500 | "     | 0.0333 | ND | 57.7 | 30-120 |  |  |  |  |
| Benzo (a) anthracene               | 0.0129 | 0.00500 | "     | 0.0333 | ND | 38.7 | 30-120 |  |  |  |  |
| Benzo (a) pyrene                   | 0.0178 | 0.00500 | "     | 0.0333 | ND | 53.3 | 30-120 |  |  |  |  |
| Benzo (b) fluoranthene             | 0.0144 | 0.00500 | "     | 0.0333 | ND | 43.1 | 30-120 |  |  |  |  |
| Benzo (k) fluoranthene             | 0.0186 | 0.00500 | "     | 0.0333 | ND | 55.8 | 30-120 |  |  |  |  |
| Chrysene                           | 0.0197 | 0.00500 | "     | 0.0333 | ND | 59.2 | 30-120 |  |  |  |  |
| Dibenz (a,h) anthracene            | 0.0162 | 0.00500 | "     | 0.0333 | ND | 48.7 | 30-120 |  |  |  |  |
| Fluoranthene                       | 0.0205 | 0.00500 | "     | 0.0333 | ND | 61.6 | 30-120 |  |  |  |  |
| Fluorene                           | 0.0196 | 0.00500 | "     | 0.0333 | ND | 58.7 | 30-120 |  |  |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0166 | 0.00500 | "     | 0.0333 | ND | 49.7 | 30-120 |  |  |  |  |
| Pyrene                             | 0.0214 | 0.00500 | "     | 0.0333 | ND | 64.1 | 35-142 |  |  |  |  |
| 1-Methylnaphthalene                | 0.0212 | 0.00500 | "     | 0.0333 | ND | 63.7 | 15-130 |  |  |  |  |
| 2-Methylnaphthalene                | 0.0157 | 0.00500 | "     | 0.0333 | ND | 47.0 | 15-130 |  |  |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0243 |         | "     | 0.0333 |    | 73.0 | 40-150 |  |  |  |  |
| Surrogate: Fluoranthene-d10        | 0.0217 |         | "     | 0.0333 |    | 65.2 | 40-150 |  |  |  |  |

##### Matrix Spike Dup (BHB0109-MSD1)

Source: 2401589-01

Prepared & Analyzed: 02/05/24

|                                    |        |         |       |        |    |      |        |       |    |  |  |
|------------------------------------|--------|---------|-------|--------|----|------|--------|-------|----|--|--|
| Acenaphthene                       | 0.0178 | 0.00500 | mg/kg | 0.0333 | ND | 53.5 | 31-137 | 6.25  | 30 |  |  |
| Anthracene                         | 0.0186 | 0.00500 | "     | 0.0333 | ND | 55.9 | 30-120 | 3.12  | 30 |  |  |
| Benzo (a) anthracene               | 0.0133 | 0.00500 | "     | 0.0333 | ND | 39.9 | 30-120 | 2.98  | 30 |  |  |
| Benzo (a) pyrene                   | 0.0179 | 0.00500 | "     | 0.0333 | ND | 53.6 | 30-120 | 0.496 | 30 |  |  |
| Benzo (b) fluoranthene             | 0.0145 | 0.00500 | "     | 0.0333 | ND | 43.5 | 30-120 | 0.959 | 30 |  |  |
| Benzo (k) fluoranthene             | 0.0180 | 0.00500 | "     | 0.0333 | ND | 54.1 | 30-120 | 3.14  | 30 |  |  |
| Chrysene                           | 0.0186 | 0.00500 | "     | 0.0333 | ND | 55.8 | 30-120 | 5.96  | 30 |  |  |
| Dibenz (a,h) anthracene            | 0.0162 | 0.00500 | "     | 0.0333 | ND | 48.5 | 30-120 | 0.572 | 30 |  |  |
| Fluoranthene                       | 0.0197 | 0.00500 | "     | 0.0333 | ND | 59.0 | 30-120 | 4.23  | 30 |  |  |
| Fluorene                           | 0.0187 | 0.00500 | "     | 0.0333 | ND | 56.1 | 30-120 | 4.43  | 30 |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0164 | 0.00500 | "     | 0.0333 | ND | 49.3 | 30-120 | 0.818 | 30 |  |  |
| Pyrene                             | 0.0195 | 0.00500 | "     | 0.0333 | ND | 58.6 | 35-142 | 9.00  | 30 |  |  |
| 1-Methylnaphthalene                | 0.0174 | 0.00500 | "     | 0.0333 | ND | 52.2 | 15-130 | 19.8  | 50 |  |  |
| 2-Methylnaphthalene                | 0.0139 | 0.00500 | "     | 0.0333 | ND | 41.6 | 15-130 | 12.2  | 50 |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0186 |         | "     | 0.0333 |    | 55.8 | 40-150 |       |    |  |  |
| Surrogate: Fluoranthene-d10        | 0.0207 |         | "     | 0.0333 |    | 62.0 | 40-150 |       |    |  |  |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0172 - EPA 3050B**

**Blank (BHB0172-BLK1)**

Prepared: 02/06/24 Analyzed: 02/07/24

Boron ND 2.00 mg/L

**LCS (BHB0172-BS1)**

Prepared: 02/06/24 Analyzed: 02/07/24

Boron 4.81 2.00 mg/L 5.00 96.1 80-120

**Duplicate (BHB0172-DUP1)**

**Source: 2401246-03**

Prepared: 02/06/24 Analyzed: 02/07/24

Boron 0.128 2.00 mg/L 0.274 72.5 20 QR-01

**Matrix Spike (BHB0172-MS1)**

**Source: 2401246-03**

Prepared: 02/06/24 Analyzed: 02/07/24

Boron 5.03 2.00 mg/L 5.00 0.274 95.0 75-125

**Matrix Spike Dup (BHB0172-MSD1)**

**Source: 2401246-03**

Prepared: 02/06/24 Analyzed: 02/07/24

Boron 4.93 2.00 mg/L 5.00 0.274 93.0 75-125 2.01 25

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

### Total Metals by EPA 6020B - Quality Control

#### Summit Scientific

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

#### Batch BHB0096 - EPA 3050B

##### Blank (BHB0096-BLK1)

Prepared: 02/05/24 Analyzed: 02/06/24

|          |    |        |           |
|----------|----|--------|-----------|
| Arsenic  | ND | 0.200  | mg/kg wet |
| Barium   | ND | 0.400  | "         |
| Cadmium  | ND | 0.200  | "         |
| Copper   | ND | 0.400  | "         |
| Lead     | ND | 0.200  | "         |
| Nickel   | ND | 0.400  | "         |
| Silver   | ND | 0.0200 | "         |
| Zinc     | ND | 0.400  | "         |
| Selenium | ND | 0.260  | "         |

##### LCS (BHB0096-BS1)

Prepared: 02/05/24 Analyzed: 02/06/24

|          |      |        |           |      |      |        |
|----------|------|--------|-----------|------|------|--------|
| Arsenic  | 33.6 | 0.200  | mg/kg wet | 40.0 | 83.9 | 80-120 |
| Barium   | 33.8 | 0.400  | "         | 40.0 | 84.6 | 80-120 |
| Cadmium  | 2.40 | 0.200  | "         | 2.00 | 120  | 80-120 |
| Copper   | 32.7 | 0.400  | "         | 40.0 | 81.8 | 80-120 |
| Lead     | 16.0 | 0.200  | "         | 20.0 | 80.2 | 80-120 |
| Nickel   | 35.8 | 0.400  | "         | 40.0 | 89.5 | 80-120 |
| Silver   | 2.38 | 0.0200 | "         | 2.00 | 119  | 80-120 |
| Zinc     | 35.9 | 0.400  | "         | 40.0 | 89.8 | 80-120 |
| Selenium | 3.26 | 0.260  | "         | 4.00 | 81.6 | 80-120 |

##### Duplicate (BHB0096-DUP1)

Source: 2401134-01RE1

Prepared: 02/05/24 Analyzed: 02/06/24

|          |        |        |           |        |      |    |
|----------|--------|--------|-----------|--------|------|----|
| Arsenic  | 2.94   | 0.200  | mg/kg wet | 3.26   | 10.5 | 20 |
| Barium   | 62.0   | 0.400  | "         | 57.3   | 7.93 | 20 |
| Cadmium  | 0.235  | 0.200  | "         | 0.295  | 22.7 | 20 |
| Copper   | 6.61   | 0.400  | "         | 7.73   | 15.6 | 20 |
| Lead     | 7.37   | 0.200  | "         | 8.49   | 14.1 | 20 |
| Nickel   | 4.28   | 0.400  | "         | 4.13   | 3.63 | 20 |
| Silver   | 0.0284 | 0.0200 | "         | 0.0312 | 9.40 | 20 |
| Zinc     | 15.3   | 0.400  | "         | 14.1   | 8.38 | 20 |
| Selenium | ND     | 0.260  | "         | ND     |      | 20 |

QR-01

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHB0096 - EPA 3050B**

**Matrix Spike (BHB0096-MS1)**

Source: 2401134-01RE1

Prepared: 02/05/24 Analyzed: 02/06/24

|          |      |        |           |      |        |      |        |  |  |       |
|----------|------|--------|-----------|------|--------|------|--------|--|--|-------|
| Arsenic  | 36.3 | 0.200  | mg/kg wet | 40.0 | 3.26   | 82.6 | 75-125 |  |  |       |
| Barium   | 71.9 | 0.400  | "         | 40.0 | 57.3   | 36.5 | 75-125 |  |  | QM-07 |
| Cadmium  | 2.07 | 0.200  | "         | 2.00 | 0.295  | 88.6 | 75-125 |  |  |       |
| Copper   | 21.3 | 0.400  | "         | 40.0 | 7.73   | 34.0 | 75-125 |  |  | QM-07 |
| Lead     | 23.4 | 0.200  | "         | 20.0 | 8.49   | 74.4 | 75-125 |  |  | QM-07 |
| Nickel   | 18.9 | 0.400  | "         | 40.0 | 4.13   | 37.0 | 75-125 |  |  | QM-07 |
| Silver   | 1.67 | 0.0200 | "         | 2.00 | 0.0312 | 81.8 | 75-125 |  |  |       |
| Zinc     | 27.1 | 0.400  | "         | 40.0 | 14.1   | 32.6 | 75-125 |  |  | QM-07 |
| Selenium | 2.67 | 0.260  | "         | 4.00 | ND     | 66.8 | 75-125 |  |  | QM-07 |

**Matrix Spike Dup (BHB0096-MSD1)**

Source: 2401134-01RE1

Prepared: 02/05/24 Analyzed: 02/06/24

|          |      |        |           |      |        |      |        |       |    |       |
|----------|------|--------|-----------|------|--------|------|--------|-------|----|-------|
| Arsenic  | 35.9 | 0.200  | mg/kg wet | 40.0 | 3.26   | 81.6 | 75-125 | 1.07  | 25 |       |
| Barium   | 70.7 | 0.400  | "         | 40.0 | 57.3   | 33.5 | 75-125 | 1.72  | 25 | QM-07 |
| Cadmium  | 2.06 | 0.200  | "         | 2.00 | 0.295  | 88.2 | 75-125 | 0.368 | 25 |       |
| Copper   | 21.2 | 0.400  | "         | 40.0 | 7.73   | 33.6 | 75-125 | 0.911 | 25 | QM-07 |
| Lead     | 23.1 | 0.200  | "         | 20.0 | 8.49   | 73.3 | 75-125 | 0.953 | 25 | QM-07 |
| Nickel   | 18.7 | 0.400  | "         | 40.0 | 4.13   | 36.4 | 75-125 | 1.34  | 25 | QM-07 |
| Silver   | 1.66 | 0.0200 | "         | 2.00 | 0.0312 | 81.3 | 75-125 | 0.698 | 25 |       |
| Zinc     | 26.7 | 0.400  | "         | 40.0 | 14.1   | 31.6 | 75-125 | 1.47  | 25 | QM-07 |
| Selenium | 2.63 | 0.260  | "         | 4.00 | ND     | 65.8 | 75-125 | 1.49  | 25 | QM-07 |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Hexavalent Chromium by EPA Method 7196 - Quality Control**  
**Summit Scientific**

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

**Batch BHB0116 - 3060A Mod**

**Blank (BHB0116-BLK1)**

Prepared & Analyzed: 02/05/24

Chromium, Hexavalent ND 0.30 mg/kg wet

**LCS (BHB0116-BS1)**

Prepared & Analyzed: 02/05/24

Chromium, Hexavalent 23.7 0.30 mg/kg wet 25.0 94.8 80-120

**Duplicate (BHB0116-DUP1)**

**Source: 2401552-01**

Prepared & Analyzed: 02/05/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

**Matrix Spike (BHB0116-MS1)**

**Source: 2401552-01**

Prepared & Analyzed: 02/05/24

Chromium, Hexavalent 25.4 0.30 mg/kg dry 26.6 ND 95.6 75-125

**Matrix Spike Dup (BHB0116-MSD1)**

**Source: 2401552-01**

Prepared & Analyzed: 02/05/24

Chromium, Hexavalent 25.4 0.30 mg/kg dry 26.6 ND 95.4 75-125 0.209 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BHB0093 - General Preparation**

**Blank (BHB0093-BLK1)**

Prepared: 02/02/24 Analyzed: 02/06/24

|           |    |        |          |
|-----------|----|--------|----------|
| Calcium   | ND | 0.0500 | mg/L wet |
| Magnesium | ND | 0.0500 | "        |
| Sodium    | ND | 0.0500 | "        |

**LCS (BHB0093-BS1)**

Prepared: 02/02/24 Analyzed: 02/06/24

|           |      |        |          |      |      |        |
|-----------|------|--------|----------|------|------|--------|
| Calcium   | 4.35 | 0.0500 | mg/L wet | 5.00 | 87.1 | 70-130 |
| Magnesium | 4.83 | 0.0500 | "        | 5.00 | 96.5 | 70-130 |
| Sodium    | 4.98 | 0.0500 | "        | 5.00 | 99.6 | 70-130 |

Summit Scientific

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|                       |  |                |
|-----------------------|--|----------------|
| Fremont Environmental | Project: Noble - Grigsby AC 19-62HN TB |                |
| PO Box 1289           | Project Number: [none]                 | Reported:      |
| Wellington CO, 80549  | Project Manager: Paul Henchan          | 02/08/24 13:57 |

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch BHB0095 - General Preparation

|                          |                    |   |                                       |       |    |
|--------------------------|--------------------|---|---------------------------------------|-------|----|
| Duplicate (BHB0095-DUP1) | Source: 2401333-04 |   | Prepared: 02/05/24 Analyzed: 02/06/24 |       |    |
| % Solids                 | 94.8               | % | 94.9                                  | 0.152 | 20 |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0105 - General Preparation**

**Blank (BHB0105-BLK1)**

Prepared & Analyzed: 02/05/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHB0105-BS1)**

Prepared & Analyzed: 02/05/24

Specific Conductance (EC) 0.155 0.0100 mmhos/cm 0.150 103 95-105

**Duplicate (BHB0105-DUP1)**

**Source: 2402041-01**

Prepared & Analyzed: 02/05/24

Specific Conductance (EC) 0.933 0.0100 mmhos/cm 0.938 0.567 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0104 - General Preparation**

**LCS (BHB0104-BS1)**

Prepared & Analyzed: 02/05/24

|    |      |          |      |     |        |
|----|------|----------|------|-----|--------|
| pH | 9.28 | pH Units | 9.18 | 101 | 95-105 |
|----|------|----------|------|-----|--------|

**Duplicate (BHB0104-DUP1)**

**Source: 2402041-01**

Prepared & Analyzed: 02/05/24

|    |      |          |      |      |    |
|----|------|----------|------|------|----|
| pH | 8.10 | pH Units | 8.23 | 1.59 | 20 |
|----|------|----------|------|------|----|

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN TB

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/08/24 13:57

### Notes and Definitions

|       |   |
|-------|---|
| QR-01 | Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.                               |
| DET   | Analyte DETECTED  |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| NR    | Not Reported  |
| dry   | Sample results reported on a dry weight basis   |
| RPD   | Relative Percent Difference   |

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 05, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

Wellington, CO 80549

RE: Chevron - Grigsby AC19-62HN

Work Order #2404075

Enclosed are the results of analyses for samples received by Summit Scientific on 04/04/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury

President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID  | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|------------|---------------|--------|----------------|----------------|
| SS-23 6FT  | 2404075-01    | Soil   | 04/04/24 12:10 | 04/04/24 16:30 |
| SS-24 6FT  | 2404075-02    | Soil   | 04/04/24 12:15 | 04/04/24 16:30 |
| SS-25 6FT  | 2404075-03    | Soil   | 04/04/24 12:20 | 04/04/24 16:30 |
| SS-26 6FT  | 2404075-04    | Soil   | 04/04/24 12:25 | 04/04/24 16:30 |
| SS-27 6FT  | 2404075-05    | Soil   | 04/04/24 12:30 | 04/04/24 16:30 |
| SS-28 6FT  | 2404075-06    | Soil   | 04/04/24 12:35 | 04/04/24 16:30 |
| SS-29 10FT | 2404075-07    | Soil   | 04/04/24 12:40 | 04/04/24 16:30 |
| SS-30 6FT  | 2404075-08    | Soil   | 04/04/24 12:45 | 04/04/24 16:30 |
| SS-32 10FT | 2404075-09    | Soil   | 04/04/24 12:50 | 04/04/24 16:30 |
| SS-33 6FT  | 2404075-10    | Soil   | 04/04/24 12:55 | 04/04/24 16:30 |
| SS-34 6FT  | 2404075-11    | Soil   | 04/04/24 13:00 | 04/04/24 16:30 |
| SS-35 10FT | 2404075-12    | Soil   | 04/04/24 13:05 | 04/04/24 16:30 |
| SS-36 6FT  | 2404075-13    | Soil   | 04/04/24 13:10 | 04/04/24 16:30 |
| SS-37 6FT  | 2404075-14    | Soil   | 04/04/24 13:15 | 04/04/24 16:30 |
| SS-38 6FT  | 2404075-15    | Soil   | 04/04/24 13:20 | 04/04/24 16:30 |

Summit Scientific

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# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

|         |             |
|---------|-------------|
| Lab ID  | Page 1 of 1 |
| 2404075 |             |

|                                       |  |                              |  |
|---------------------------------------|--|------------------------------|--|
| Send Data To:                         |  | Send Invoice To:             |  |
| Client: Fremont Environmental         | Project Manager: Paul Henehan          | Company: <u>Chewon</u>       |  |
| Address: 8305 6th Street              | E-Mail: Fremont Distribution List      | Project Name/Location:       |  |
| City/State/Zip: Wellington, CO, 80549 |  | AFE#:                        |  |
| Phone: 603-477-6907                   | Project Name: <u>Grigby AC 19-62HN</u> | PO/Billing Codes:            |  |
| Sampler Name: Aaron Otilar            | Project Number: <u>2024-022</u>        | Contact: <u>Don Peterson</u> |  |

|    |                    |              |              |                 | Preservative |      |      |       | Matrix |      |                |       | Analysis Requested |              |     |             |                |                    |              |  | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|--------------|-----|-------------|----------------|--------------------|--------------|--|----------------------|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl          | HNO3 | None | Other | Water  | Soil | Air-Canister # | Other | BTEXN - 915        | TPH (C6-C36) | PAH | TMB's - 915 | Metals (915-1) | SAR, EC, pH, Boron | TDS, Cl, SO4 |  |                      |
| 1  | SS-23 6FT          | 4/4/24       | 1210         | 2               |              |      | X    |       |        | X    |                |       | X                  | X            | X   | X           | X              | X                  |              |  |                      |
| 2  | SS-24 6FT          |              | 1215         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 3  | SS-25 6FT          |              | 1220         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 4  | SS-26 6FT          |              | 1225         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 5  | SS-27 6FT          |              | 1230         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 6  | SS-28 6FT          |              | 1235         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 7  | SS-29 10FT         |              | 1240         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 8  | SS-30 6FT          |              | 1245         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 9  | SS-32 10FT         |              | 1250         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 10 | SS-33 6FT          |              | 1255         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 11 | SS-34 6FT          |              | 1300         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 12 | SS-35 10FT         |              | 1305         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 13 | SS-36 6FT          |              | 1310         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 14 | SS-37 6FT          |              | 1315         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |
| 15 | SS-38 6FT          |              | 1320         |                 |              |      |      |       |        |      |                |       |                    |              |     |             |                |                    |              |  |                      |

|                                       |                               |   |                               |                    |          |                     |             |
|---------------------------------------|-------------------------------|---|-------------------------------|--------------------|----------|---------------------|-------------|
| Relinquished by: <u>Aaron Otilar</u>  | Date/Time: <u>4/4/24 1527</u> | Received by: <u>Summit North Office</u> | Date/Time: <u>4/4/24 1527</u> | TAT Business Days  | Field DO | Notes:              |             |
|                                       |                               |   |                               | Same Day           | X        |                     | Field EC    |
| Relinquished by: <u>52</u>            | Date/Time: <u>4/4/24 1630</u> | Received by: <u>[Signature]</u>         | Date/Time: <u>4/4/24 1630</u> | 1 Day              |          |                     | Field ORP   |
|                                       |                               |   |                               | 2 Days             |          |                     | Field pH    |
| Relinquished by:                      | Date/Time:                    | Received by:                            | Date/Time:                    | 3 Days             |          |                     | Field Temp. |
|                                       |                               |   |                               | Standard           |          | Field Turb.         |             |
| Temperature Upon Receipt: <u>12.9</u> |                               | Corrected Temperature <u>8</u>          |                               | IR gun #: <u>1</u> |          | HNO3 lot #: <u></u> |             |



S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2404075Client: FremontClient Project ID: Grigsby Ac 19-62HNShipped Via: H.D./P.U./FedEx/UPS/USPS/Other

Airbill #:

|  |   |  |  |  |
|--|---|--|--|--|
|  | - |  |  |  |
|--|---|--|--|--|

Matrix (Check all that apply)

Air

☐

Soil/Solid

☐

Water

☐

Other

☐

Temp (°C)

12.9

Thermometer #

1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br>NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | on ice            |
| Are samples due within 48 hours present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | same day          |
| Are water samples with short hold times present?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input 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"/>            |                   |
| 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"/>            |                   |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | //                |
| Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If dissolved metals are requested, were samples field filtered?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Additional Comments (if any):   |                                     |                                     |                                     |                   |
|   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

Custodian Printed Name

Date/Time

88



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-23 6FT**  
**2404075-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:10**

| Analyte                     | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene                     | ND     | 0.0020          | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050          | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050          | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010           | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050          | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050          | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038          | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:10**

| Analyte                          | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0372 | 92.9 %          | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0419 | 105 %           | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0421 | 105 %           | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:10**

| Analyte       | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND     | 50              | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50              | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:10**

| Analyte                | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 3.74   | 29.9 %          | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-24 6FT**  
**2404075-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:15**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:15**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0353 | 88.2 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0419 | 105 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0415 | 104 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:15**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:15**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 4.58   | 36.6 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-25 6FT**  
**2404075-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:20**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:20**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0336 | 83.9 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0413 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0410 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:20**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:20**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 6.30   | 50.4 %    | 30-150 |          | "     | "        | "        | "      |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-26 6FT**  
**2404075-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:25**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:25**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0317 | 79.4 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0404 | 101 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0402 | 101 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:25**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:25**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 5.48   | 43.8 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-27 6FT**  
**2404075-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:30**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:30**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0330 | 82.5 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0427 | 107 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0411 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:30**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:30**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 6.85   | 54.8 %    | 30-150 |          | "     | "        | "        | "      |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-28 6FT**  
**2404075-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:35**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:35**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0330 | 82.6 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0429 | 107 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0408 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:35**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:35**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 8.59   | 68.7 %    | 30-150 |          | "     | "        | "        | "      |       |

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PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-29 10FT**  
**2404075-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:40**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:40**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0308 | 77.0 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0429 | 107 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0416 | 104 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:40**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/04/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:40**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.16   | 57.3 %    | 30-150 |          | "     | "        | "        | "      |       |

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Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-30 6FT**  
**2404075-08 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:45**

| Analyte                            | Result       | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                                    |              | Limit     |       |          |         |          |          |           |       |
| <b>Benzene</b>                     | <b>0.036</b> | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| <b>Toluene</b>                     | <b>0.020</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                | <b>0.030</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>             | <b>0.072</b> | 0.010     | "     | "        | "       | "        | "        | "         |       |
| <b>1,2,4-Trimethylbenzene</b>      | <b>0.094</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>1,3,5-Trimethylbenzene</b>      | <b>0.023</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Naphthalene</b>                 | <b>0.037</b> | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>3.3</b>   | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:45**

| Analyte                                 | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|   |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0254 | 63.5 %    | 50-150 |          | "     | "        | "        | "      |       |
| <i>Surrogate: Toluene-d8</i>            | 0.0462 | 116 %     | 50-150 |          | "     | "        | "        | "      |       |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | 0.0389 | 97.2 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:45**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:45**

| Analyte                       | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                               |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: o-Terphenyl</i> | 7.92   | 63.4 %    | 30-150 |          | "     | "        | "        | "      |       |

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Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-32 10FT**  
**2404075-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:50**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:50**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0310 | 77.6 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0441 | 110 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0401 | 100 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:50**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:50**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.33   | 58.6 %    | 30-150 |          | "     | "        | "        | "      |       |

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PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-33 6FT**  
**2404075-10 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 12:55**

| Analyte                            | Result      | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                                    |             | Limit     |       |          |         |          |          |           |       |
| <b>Benzene</b>                     | <b>3.3</b>  | 0.20      | mg/kg | 100      | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| <b>Toluene</b>                     | <b>0.12</b> | 0.0050    | "     | 1        | "       | "        | 04/05/24 | "         |       |
| <b>Ethylbenzene</b>                | <b>9.5</b>  | 0.50      | "     | 100      | "       | "        | 04/05/24 | "         |       |
| <b>Xylenes (total)</b>             | <b>7.0</b>  | 0.010     | "     | 1        | "       | "        | "        | "         |       |
| <b>1,2,4-Trimethylbenzene</b>      | <b>17</b>   | 0.50      | "     | 100      | "       | "        | "        | "         |       |
| <b>1,3,5-Trimethylbenzene</b>      | <b>4.7</b>  | 0.50      | "     | "        | "       | "        | "        | "         |       |
| <b>Naphthalene</b>                 | <b>0.63</b> | 0.0038    | "     | 1        | "       | "        | 04/05/24 | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>1500</b> | 50        | "     | 100      | "       | "        | 04/05/24 | "         |       |

Date Sampled: **04/04/24 12:55**

| Analyte                                 | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|   |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0414 | 104 %     | 50-150 |          | "     | "        | 04/05/24 | "      |       |
| <i>Surrogate: Toluene-d8</i>            | 0.292  | 729 %     | 50-150 |          | "     | "        | "        | "      | S-02  |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | 0.123  | 307 %     | 50-150 |          | "     | "        | "        | "      | S-02  |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 12:55**

| Analyte              | Result      | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                      |             | Limit     |       |          |         |          |          |           |       |
| <b>C10-C28 (DRO)</b> | <b>6600</b> | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| <b>C28-C36 (ORO)</b> | <b>1500</b> | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 12:55**

| Analyte                       | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                               |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: o-Terphenyl</i> | 9.63   | 77.1 %    | 30-150 |          | "     | "        | "        | "      |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-34 6FT**  
**2404075-11 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 13:00**

| Analyte                            | Result       | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                                    |              | Limit     |       |          |         |          |          |           |       |
| Benzene                            | ND           | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                            | ND           | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                | <b>0.020</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)                    | ND           | 0.010     | "     | "        | "       | "        | "        | "         |       |
| <b>1,2,4-Trimethylbenzene</b>      | <b>0.057</b> | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene             | ND           | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                        | ND           | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>2.2</b>   | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0415 | 104 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0416 | 104 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0407 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 13:00**

| Analyte              | Result     | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                      |            | Limit     |       |          |         |          |          |           |       |
| <b>C10-C28 (DRO)</b> | <b>230</b> | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| <b>C28-C36 (ORO)</b> | <b>67</b>  | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 11.0   | 88.1 %    | 30-150 |          | "     | "        | "        | "      |       |

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Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-35 10FT**  
**2404075-12 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 13:05**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/04/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:05**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0393 | 98.3 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0431 | 108 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0408 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 13:05**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:05**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 6.40   | 51.2 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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.



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-36 6FT**  
**2404075-13 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 13:10**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:10**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0425 | 106 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0439 | 110 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0384 | 96.1 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 13:10**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:10**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 8.49   | 67.9 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-37 6FT**  
**2404075-14 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 13:15**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:15**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0408 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0435 | 109 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0399 | 99.8 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 13:15**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:15**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 10.1   | 80.5 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**SS-38 6FT**  
**2404075-15 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/04/24 13:20**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0154 | 04/04/24 | 04/05/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:20**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0410 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0441 | 110 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0389 | 97.2 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/04/24 13:20**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0157 | 04/04/24 | 04/05/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/04/24 13:20**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 8.26   | 66.1 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHD0154 - EPA 5030 Soil MS

##### Blank (BHD0154-BLK1)

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

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | ND     | 0.0020 | mg/kg |        |  |      |        |  |  |  |
| Toluene                          | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                     | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Xylenes (total)                  | ND     | 0.010  | "     |        |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Naphthalene                      | ND     | 0.0038 | "     |        |  |      |        |  |  |  |
| Gasoline Range Hydrocarbons      | ND     | 0.50   | "     |        |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0275 |        | "     | 0.0400 |  | 68.8 | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0449 |        | "     | 0.0400 |  | 112  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0399 |        | "     | 0.0400 |  | 99.8 | 50-150 |  |  |  |

##### LCS (BHD0154-BS1)

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

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.0773 | 0.0020 | mg/kg | 0.100  |  | 77.3 | 70-130 |  |  |  |
| Toluene                          | 0.106  | 0.0050 | "     | 0.100  |  | 106  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.102  | 0.0050 | "     | 0.100  |  | 102  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.206  | 0.010  | "     | 0.200  |  | 103  | 70-130 |  |  |  |
| o-Xylene                         | 0.102  | 0.0050 | "     | 0.100  |  | 102  | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0936 | 0.0050 | "     | 0.100  |  | 93.6 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0958 | 0.0050 | "     | 0.100  |  | 95.8 | 70-130 |  |  |  |
| Naphthalene                      | 0.0771 | 0.0038 | "     | 0.100  |  | 77.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0270 |        | "     | 0.0400 |  | 67.4 | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0443 |        | "     | 0.0400 |  | 111  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0421 |        | "     | 0.0400 |  | 105  | 50-150 |  |  |  |

##### Matrix Spike (BHD0154-MS1)

Source: 2404072-01

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

|                                  |        |        |       |        |    |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene                          | 0.0716 | 0.0020 | mg/kg | 0.100  | ND | 71.6 | 70-130 |  |  |  |
| Toluene                          | 0.102  | 0.0050 | "     | 0.100  | ND | 102  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0961 | 0.0050 | "     | 0.100  | ND | 96.1 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.192  | 0.010  | "     | 0.200  | ND | 96.2 | 70-130 |  |  |  |
| o-Xylene                         | 0.0956 | 0.0050 | "     | 0.100  | ND | 95.6 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0880 | 0.0050 | "     | 0.100  | ND | 88.0 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0902 | 0.0050 | "     | 0.100  | ND | 90.2 | 70-130 |  |  |  |
| Naphthalene                      | 0.0736 | 0.0038 | "     | 0.100  | ND | 73.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0254 |        | "     | 0.0400 |    | 63.4 | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0456 |        | "     | 0.0400 |    | 114  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0401 |        | "     | 0.0400 |    | 100  | 50-150 |  |  |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHD0154 - EPA 5030 Soil MS**

| Matrix Spike Dup (BHD0154-MSD1)  |        | Source: 2404072-01 |       |        | Prepared: 04/04/24 Analyzed: 04/05/24 |      |        |      |    |       |
|----------------------------------|--------|--------------------|-------|--------|---------------------------------------|------|--------|------|----|-------|
| Benzene                          | 0.0926 | 0.0020             | mg/kg | 0.100  | ND                                    | 92.6 | 70-130 | 25.7 | 30 | QM-07 |
| Toluene                          | 0.131  | 0.0050             | "     | 0.100  | ND                                    | 131  | 70-130 | 24.7 | 30 |       |
| Ethylbenzene                     | 0.118  | 0.0050             | "     | 0.100  | ND                                    | 118  | 70-130 | 20.3 | 30 |       |
| m,p-Xylene                       | 0.236  | 0.010              | "     | 0.200  | ND                                    | 118  | 70-130 | 20.3 | 30 |       |
| o-Xylene                         | 0.114  | 0.0050             | "     | 0.100  | ND                                    | 114  | 70-130 | 17.4 | 30 |       |
| 1,2,4-Trimethylbenzene           | 0.107  | 0.0050             | "     | 0.100  | ND                                    | 107  | 70-130 | 19.2 | 30 |       |
| 1,3,5-Trimethylbenzene           | 0.110  | 0.0050             | "     | 0.100  | ND                                    | 110  | 70-130 | 19.6 | 30 |       |
| Naphthalene                      | 0.0811 | 0.0038             | "     | 0.100  | ND                                    | 81.1 | 70-130 | 9.62 | 30 |       |
| Surrogate: 1,2-Dichloroethane-d4 |        | 0.0259             | "     | 0.0400 |                                       | 64.8 | 50-150 |      |    |       |
| Surrogate: Toluene-d8            |        | 0.0472             | "     | 0.0400 |                                       | 118  | 50-150 |      |    |       |
| Surrogate: 4-Bromofluorobenzene  |        | 0.0428             | "     | 0.0400 |                                       | 107  | 50-150 |      |    |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHD0157 - EPA 3550A**

**Blank (BHD0157-BLK1)**

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

|                        |      |    |       |      |  |     |        |  |  |  |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |  |     |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |  |     |        |  |  |  |
| Surrogate: o-Terphenyl | 13.4 |    | "     | 12.5 |  | 108 | 30-150 |  |  |  |

**LCS (BHD0157-BS1)**

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

|                        |      |    |       |      |  |     |        |  |  |  |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO)          | 528  | 50 | mg/kg | 500  |  | 106 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 14.6 |    | "     | 12.5 |  | 117 | 30-150 |  |  |  |

**Matrix Spike (BHD0157-MS1)**

Source: 2404072-01

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

|                        |      |    |       |      |      |      |        |  |  |  |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO)          | 481  | 50 | mg/kg | 500  | 17.5 | 92.7 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 10.7 |    | "     | 12.5 |      | 86.0 | 30-150 |  |  |  |

**Matrix Spike Dup (BHD0157-MSD1)**

Source: 2404072-01

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

|                        |      |    |       |      |      |      |        |       |    |  |
|------------------------|------|----|-------|------|------|------|--------|-------|----|--|
| C10-C28 (DRO)          | 485  | 50 | mg/kg | 500  | 17.5 | 93.6 | 70-130 | 0.889 | 20 |  |
| Surrogate: o-Terphenyl | 12.5 |    | "     | 12.5 |      | 99.9 | 30-150 |       |    |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Chevron - Grigsby AC19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/05/24 07:10

### Notes and Definitions

|       |  |
|-------|--|
| S-02  | The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.                      |
| DET   | Analyte DETECTED   |
| ND    | Analyte NOT DETECTED at or above the reporting limit   |
| NR    | Not Reported   |
| dry   | Sample results reported on a dry weight basis  |
| RPD   | Relative Percent Difference  |

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 01, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

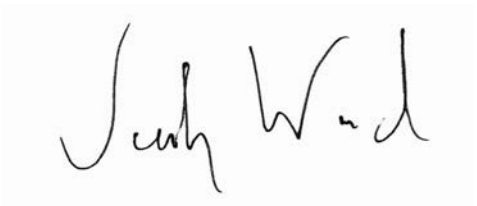
Wellington, CO 80549

RE: Noble - Grigsby AC H-62Hz

Work Order #2401510

Enclosed are the results of analyses for samples received by Summit Scientific on 01/29/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID   | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-------------|---------------|--------|----------------|----------------|
| Waste Char. | 2401510-01    | Soil   | 01/29/24 00:00 | 01/29/24 16:30 |

Summit Scientific

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# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

|        |             |
|--------|-------------|
| Lab ID | Page 1 of 1 |
| 240510 |             |

| Client: Fremont Environmental, Inc.   |                    |                          |              | Send Data To:   |                              |                                 |  | Send Invoice To:       |  |  |  |
|---------------------------------------|--------------------|--------------------------|--------------|---|------------------------------|---------------------------------|--|------------------------|--|--|--|
| Address: 8305 6th St.                 |                    |                          |              | Project Manager: Henghan  |                              |                                 |  | Company: Chevron       |  |  |  |
| City/State/Zip: Wellington, CO, 80549 |                    |                          |              | E-Mail: Chevron Dist. List, CDC Dist. List, Civitas Dist. List                                  |                              |                                 |  | Project Name/Location: |  |  |  |
| Phone: 603-477-6907                   |                    |                          |              | Fremont Dist. List (cfremontenv.com) paulH, ethanB, nickL, mikeG, jeffO, christL, stanG, aaronO |                              |                                 |  | AFE#:                  |  |  |  |
| Sampler Name: Ethan Black             |                    |                          |              | Project Name: Noble Grigsby AC A-24   |                              |                                 |  | PO/Billing Codes:      |  |  |  |
|                                       |                    |                          |              | Project Number:   |                              |                                 |  | Contact: Dan P.        |  |  |  |
| ID                                    | Sample Description | Date Sampled             | Time Sampled | # of containers   | Preservative                 | Matrix                          | Analysis Requested   | Special Instructions   |  |  |  |
|                                       |                    |                          |              |   | HCl<br>HNO3<br>None<br>Other | Water<br>Soil<br>Air-Canister # | Other<br>BTX, Naphthalene, TMBs<br>TPH (C6-C36)<br>PAH<br>SAR, EC, pH, Boron<br>Metals (Table 915-1)<br>TDS, Chloride, Sulfate |                        |  |  |  |
| 1                                     | Waste Char.        | 1/29/24                  |              | 2   |                              |                                 |  |                        |  |  |  |
| 2                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 3                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 4                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 5                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 6                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 7                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 8                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 9                                     |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 10                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 11                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 12                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 13                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 14                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| 15                                    |                    |                          |              |   |                              |                                 |  |                        |  |  |  |
| Relinquished by: Ethan Black          |                    | Date/Time: 1/29/24 1620  |              | Received by: S2 - North Office  |                              | Date/Time: 1/29/24 1620         |  | Notes:                 |  |  |  |
| Relinquished by: S2                   |                    | Date/Time: 1/29/24 1630  |              | Received by: [Signature]  |                              | Date/Time: 1/29/24 1630         |  |                        |  |  |  |
| Relinquished by: [Signature]          |                    | Date/Time:               |              | Received by:  |                              | Date/Time:                      |  |                        |  |  |  |
| Temperature Upon Receipt: 11.7        |                    | Corrected Temperature: 6 |              | IR gun #: 1   |                              | HNO3 lot #:                     |  |                        |  |  |  |



S2 Work Order# 2401510

Client: Fremont Client Project ID: Noble-Gripsby AC 19-62 HND

|   |            |
|---|------------|
| Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other | Airbill #: |
|---|------------|

|  |   |  |  |  |
|--|---|--|--|--|
|  | ✓ |  |  |  |
|--|---|--|--|--|

Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐

|                             |      |
|-----------------------------|------|
| Temp ( $^{\circ}\text{C}$ ) | 11.7 |
|-----------------------------|------|

Thermometer # 1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature $< 6^{\circ}\text{C}$ ? <sup>(1)</sup><br><b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | all ice           |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| Are samples due within 48 hours present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | Same day          |
| Are water samples with short hold times present?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron ( $\text{Fe}^{2+}$ ), Hexavalent Chromium ( $\text{Cr}^{6+}$ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | no time stamps    |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input 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"/>            |                   |
| 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"/>            |                   |
| For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Are samples preserved that require preservation <b>(excluding cooling)</b> ? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, $\text{H}_2\text{SO}_4$ , NaOH, $\text{HNO}_3$ , etc.   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If samples are acid preserved for metals, is the $\text{pH} \leq 2$ ? <sup>(1)</sup><br>Record the pH in Comments.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If dissolved metals are requested, were samples field filtered?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| <u>Additional Comments (if any):</u>  |                                     |                                     |                                     |                   |
| <sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

AS

Custodian Printed Name

1/29/24  
Date/Time



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Waste Char.**  
**2401510-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/29/24 00:00**

| Analyte                     | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     | Units |          |         |          |          |           |       |
| Benzene                     | 210    | 20        | mg/kg | 10000    | BHA1025 | 01/29/24 | 01/29/24 | EPA 8260B |       |
| Toluene                     | 500    | 50        | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | 200    | 50        | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | 710    | 100       | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | 270    | 50        | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | 40     | 0.50      | "     | 100      | "       | "        | 01/30/24 | "         |       |
| Naphthalene                 | 46     | 0.38      | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | 15000  | 5000      | "     | 10000    | "       | "        | 01/29/24 | "         |       |

Date Sampled: **01/29/24 00:00**

| Analyte                          | Result | Reporting |        | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     | Units  |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0851 | 213 %     | 50-150 | "        | "     | "        | 01/30/24 | "      | S-02  |
| Surrogate: Toluene-d8            | 0.0561 | 140 %     | 50-150 | "        | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0543 | 136 %     | 50-150 | "        | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/29/24 00:00**

| Analyte       | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     | Units |          |         |          |          |           |       |
| C10-C28 (DRO) | 18000  | 500       | mg/kg | 10       | BHA1023 | 01/29/24 | 01/29/24 | EPA 8015M |       |
| C28-C36 (ORO) | 10000  | 500       | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/29/24 00:00**

| Analyte                | Result | Reporting |        | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     | Units  |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 12.3   | 98.2 %    | 30-150 | "        | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Waste Char.**  
**2401510-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/29/24 00:00**

| Analyte                  | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                          |        | Limit     | Units |          |         |          |          |               |       |
| Acenaphthene             | 3.99   | 0.500     | mg/kg | 100      | BHA1034 | 01/30/24 | 01/30/24 | EPA 8270D SIM |       |
| Anthracene               | 2.16   | 0.500     | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | 2.85   | 0.500     | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.500     | "     | "        | "       | "        | "        | "             | R-01  |
| Benzo (b) fluoranthene   | ND     | 0.500     | "     | "        | "       | "        | "        | "             | R-01  |
| Benzo (k) fluoranthene   | ND     | 0.500     | "     | "        | "       | "        | "        | "             | R-01  |
| Chrysene                 | 2.69   | 0.500     | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.500     | "     | "        | "       | "        | "        | "             | R-01  |
| Fluoranthene             | 0.904  | 0.500     | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | 16.4   | 0.500     | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.500     | "     | "        | "       | "        | "        | "             | R-01  |
| Pyrene                   | 1.50   | 0.500     | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | 195    | 10.0      | "     | 2000     | "       | "        | 02/01/24 | "             |       |
| 2-Methylnaphthalene      | 252    | 10.0      | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/29/24 00:00**

| Analyte                            | Result | Reporting |        | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     | Units  |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.00   | %         | 40-150 |          | "     | "        | 01/30/24 | "      | S-01  |
| Surrogate: Fluoranthene-d10        | 0.00   | %         | 40-150 |          | "     | "        | "        | "      | S-01  |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/29/24 00:00**

| Analyte | Result | Reporting |       | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     | Units |          |         |          |          |           |       |
| Boron   | ND     | 2.00      | mg/L  | 1        | BHA1031 | 01/30/24 | 01/31/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/29/24 00:00**

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

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Waste Char.**  
**2401510-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |      |        |           |   |         |          |          |           |
|----------|------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 1.78 | 0.200  | mg/kg dry | 1 | BHA1047 | 01/30/24 | 01/31/24 | EPA 6020B |
| Barium   | 30.5 | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | ND   | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 3.09 | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 2.97 | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 2.40 | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | ND   | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 8.74 | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND   | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/29/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHA1056 | 01/30/24 | 01/30/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/29/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 33.8   | 0.0500          | mg/L dry | 1        | BHA1030 | 01/29/24 | 01/31/24 | EPA 6020B |       |
| Magnesium | 7.03   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 27.8   | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/29/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.14   | 0.00100         | units | 1        | BHB0015 | 02/01/24 | 02/01/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Waste Char.**  
**2401510-01 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/29/24 00:00**

| Analyte  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 92.4   |                 | %     | 1        | BHA1046 | 01/30/24 | 01/31/24 | Calculation |       |

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/29/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.343  | 0.0100          | mmhos/cm | 1        | BHA1042 | 01/30/24 | 01/31/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/29/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 7.71   |                 | pH Units | 1        | BHA1041 | 01/30/24 | 01/31/24 | EPA 9045D |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHA1025 - EPA 5030 Soil MS

##### Blank (BHA1025-BLK1)

Prepared: 01/29/24 Analyzed: 01/30/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | ND     | 0.0020 | mg/kg |        |  |      |        |  |  |  |
| Toluene                          | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                     | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Xylenes (total)                  | ND     | 0.010  | "     |        |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Naphthalene                      | ND     | 0.0038 | "     |        |  |      |        |  |  |  |
| Gasoline Range Hydrocarbons      | ND     | 0.50   | "     |        |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0398 |        | "     | 0.0400 |  | 99.4 | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0388 |        | "     | 0.0400 |  | 96.9 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0412 |        | "     | 0.0400 |  | 103  | 50-150 |  |  |  |

##### LCS (BHA1025-BS1)

Prepared: 01/29/24 Analyzed: 01/30/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.0937 | 0.0020 | mg/kg | 0.100  |  | 93.7 | 70-130 |  |  |  |
| Toluene                          | 0.0873 | 0.0050 | "     | 0.100  |  | 87.3 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0884 | 0.0050 | "     | 0.100  |  | 88.4 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.173  | 0.010  | "     | 0.200  |  | 86.6 | 70-130 |  |  |  |
| o-Xylene                         | 0.0892 | 0.0050 | "     | 0.100  |  | 89.2 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0874 | 0.0050 | "     | 0.100  |  | 87.4 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0856 | 0.0050 | "     | 0.100  |  | 85.6 | 70-130 |  |  |  |
| Naphthalene                      | 0.0984 | 0.0038 | "     | 0.100  |  | 98.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0402 |        | "     | 0.0400 |  | 100  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0382 |        | "     | 0.0400 |  | 95.6 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0411 |        | "     | 0.0400 |  | 103  | 50-150 |  |  |  |

##### Matrix Spike (BHA1025-MS1)

Source: 2401511-01

Prepared: 01/29/24 Analyzed: 01/30/24

|                                  |        |        |       |        |    |      |        |  |  |       |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|-------|
| Benzene                          | 0.0798 | 0.0020 | mg/kg | 0.100  | ND | 79.8 | 70-130 |  |  |       |
| Toluene                          | 0.0741 | 0.0050 | "     | 0.100  | ND | 74.1 | 70-130 |  |  |       |
| Ethylbenzene                     | 0.0726 | 0.0050 | "     | 0.100  | ND | 72.6 | 70-130 |  |  |       |
| m,p-Xylene                       | 0.141  | 0.010  | "     | 0.200  | ND | 70.7 | 70-130 |  |  |       |
| o-Xylene                         | 0.0736 | 0.0050 | "     | 0.100  | ND | 73.6 | 70-130 |  |  |       |
| 1,2,4-Trimethylbenzene           | 0.0667 | 0.0050 | "     | 0.100  | ND | 66.7 | 70-130 |  |  | QM-07 |
| 1,3,5-Trimethylbenzene           | 0.0664 | 0.0050 | "     | 0.100  | ND | 66.4 | 70-130 |  |  | QM-07 |
| Naphthalene                      | 0.0606 | 0.0038 | "     | 0.100  | ND | 60.6 | 70-130 |  |  | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0418 |        | "     | 0.0400 |    | 105  | 50-150 |  |  |       |
| Surrogate: Toluene-d8            | 0.0382 |        | "     | 0.0400 |    | 95.5 | 50-150 |  |  |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0425 |        | "     | 0.0400 |    | 106  | 50-150 |  |  |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHA1025 - EPA 5030 Soil MS

| Matrix Spike Dup (BHA1025-MSD1)  | Source: 2401511-01 |        |       | Prepared: 01/29/24 Analyzed: 01/30/24 |    |      |        |      |    |       |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|------|----|-------|
| Benzene                          | 0.0690             | 0.0020 | mg/kg | 0.100                                 | ND | 69.0 | 70-130 | 14.5 | 30 | QM-07 |
| Toluene                          | 0.0663             | 0.0050 | "     | 0.100                                 | ND | 66.3 | 70-130 | 11.2 | 30 | QM-07 |
| Ethylbenzene                     | 0.0710             | 0.0050 | "     | 0.100                                 | ND | 71.0 | 70-130 | 2.21 | 30 |       |
| m,p-Xylene                       | 0.135              | 0.010  | "     | 0.200                                 | ND | 67.7 | 70-130 | 4.33 | 30 | QM-07 |
| o-Xylene                         | 0.0708             | 0.0050 | "     | 0.100                                 | ND | 70.8 | 70-130 | 3.87 | 30 |       |
| 1,2,4-Trimethylbenzene           | 0.0621             | 0.0050 | "     | 0.100                                 | ND | 62.1 | 70-130 | 7.12 | 30 | QM-07 |
| 1,3,5-Trimethylbenzene           | 0.0633             | 0.0050 | "     | 0.100                                 | ND | 63.3 | 70-130 | 4.81 | 30 | QM-07 |
| Naphthalene                      | 0.0479             | 0.0038 | "     | 0.100                                 | ND | 47.9 | 70-130 | 23.4 | 30 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0411             |        | "     | 0.0400                                |    | 103  | 50-150 |      |    |       |
| Surrogate: Toluene-d8            | 0.0374             |        | "     | 0.0400                                |    | 93.6 | 50-150 |      |    |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0428             |        | "     | 0.0400                                |    | 107  | 50-150 |      |    |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHA1023 - EPA 3550A**

**Blank (BHA1023-BLK1)**

Prepared: 01/29/24 Analyzed: 01/30/24

|                        |      |    |       |      |  |     |        |  |  |  |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |  |     |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |  |     |        |  |  |  |
| Surrogate: o-Terphenyl | 18.3 |    | "     | 12.5 |  | 146 | 30-150 |  |  |  |

**LCS (BHA1023-BS1)**

Prepared: 01/29/24 Analyzed: 01/30/24

|                        |      |    |       |      |  |      |        |  |  |  |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO)          | 430  | 50 | mg/kg | 500  |  | 86.1 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 13.7 |    | "     | 12.5 |  | 110  | 30-150 |  |  |  |

**Matrix Spike (BHA1023-MS1)**

Source: 2401511-01

Prepared: 01/29/24 Analyzed: 01/30/24

|                        |      |    |       |      |    |      |        |  |  |  |
|------------------------|------|----|-------|------|----|------|--------|--|--|--|
| C10-C28 (DRO)          | 405  | 50 | mg/kg | 500  | ND | 80.9 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 13.8 |    | "     | 12.5 |    | 111  | 30-150 |  |  |  |

**Matrix Spike Dup (BHA1023-MSD1)**

Source: 2401511-01

Prepared: 01/29/24 Analyzed: 01/30/24

|                        |      |    |       |      |    |      |        |      |    |  |
|------------------------|------|----|-------|------|----|------|--------|------|----|--|
| C10-C28 (DRO)          | 422  | 50 | mg/kg | 500  | ND | 84.4 | 70-130 | 4.25 | 20 |  |
| Surrogate: o-Terphenyl | 15.2 |    | "     | 12.5 |    | 121  | 30-150 |      |    |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BHA1034 - EPA 5030 Soil MS

##### Blank (BHA1034-BLK1)

Prepared & Analyzed: 01/30/24

|                          |    |         |       |
|--------------------------|----|---------|-------|
| Acenaphthene             | ND | 0.00500 | mg/kg |
| Anthracene               | ND | 0.00500 | "     |
| Benzo (a) anthracene     | ND | 0.00500 | "     |
| Benzo (a) pyrene         | ND | 0.00500 | "     |
| Benzo (b) fluoranthene   | ND | 0.00500 | "     |
| Benzo (k) fluoranthene   | ND | 0.00500 | "     |
| Chrysene                 | ND | 0.00500 | "     |
| Dibenz (a,h) anthracene  | ND | 0.00500 | "     |
| Fluoranthene             | ND | 0.00500 | "     |
| Fluorene                 | ND | 0.00500 | "     |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | "     |
| Pyrene                   | ND | 0.00500 | "     |
| 1-Methylnaphthalene      | ND | 0.00500 | "     |
| 2-Methylnaphthalene      | ND | 0.00500 | "     |

|                                    |        |   |        |      |        |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0276 | " | 0.0333 | 82.9 | 40-150 |
| Surrogate: Fluoranthene-d10        | 0.0283 | " | 0.0333 | 85.0 | 40-150 |

##### LCS (BHA1034-BS1)

Prepared & Analyzed: 01/30/24

|                          |        |         |       |        |      |        |
|--------------------------|--------|---------|-------|--------|------|--------|
| Acenaphthene             | 0.0310 | 0.00500 | mg/kg | 0.0333 | 93.1 | 31-137 |
| Anthracene               | 0.0299 | 0.00500 | "     | 0.0333 | 89.7 | 30-120 |
| Benzo (a) anthracene     | 0.0282 | 0.00500 | "     | 0.0333 | 84.5 | 30-120 |
| Benzo (a) pyrene         | 0.0301 | 0.00500 | "     | 0.0333 | 90.2 | 30-120 |
| Benzo (b) fluoranthene   | 0.0306 | 0.00500 | "     | 0.0333 | 91.8 | 30-120 |
| Benzo (k) fluoranthene   | 0.0320 | 0.00500 | "     | 0.0333 | 96.1 | 30-120 |
| Chrysene                 | 0.0306 | 0.00500 | "     | 0.0333 | 91.8 | 30-120 |
| Dibenz (a,h) anthracene  | 0.0267 | 0.00500 | "     | 0.0333 | 80.0 | 30-120 |
| Fluoranthene             | 0.0337 | 0.00500 | "     | 0.0333 | 101  | 30-120 |
| Fluorene                 | 0.0327 | 0.00500 | "     | 0.0333 | 98.1 | 30-120 |
| Indeno (1,2,3-cd) pyrene | 0.0201 | 0.00500 | "     | 0.0333 | 60.3 | 30-120 |
| Pyrene                   | 0.0308 | 0.00500 | "     | 0.0333 | 92.3 | 35-142 |
| 1-Methylnaphthalene      | 0.0317 | 0.00500 | "     | 0.0333 | 95.2 | 35-142 |
| 2-Methylnaphthalene      | 0.0351 | 0.00500 | "     | 0.0333 | 105  | 35-142 |

|                                    |        |   |        |      |        |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0282 | " | 0.0333 | 84.6 | 40-150 |
| Surrogate: Fluoranthene-d10        | 0.0341 | " | 0.0333 | 102  | 40-150 |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BHA1034 - EPA 5030 Soil MS

##### Matrix Spike (BHA1034-MS1)

Source: 2401511-01

Prepared & Analyzed: 01/30/24

|                                    |        |         |       |        |    |      |        |  |  |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|
| Acenaphthene                       | 0.0243 | 0.00500 | mg/kg | 0.0333 | ND | 73.0 | 31-137 |  |  |
| Anthracene                         | 0.0238 | 0.00500 | "     | 0.0333 | ND | 71.5 | 30-120 |  |  |
| Benzo (a) anthracene               | 0.0190 | 0.00500 | "     | 0.0333 | ND | 57.1 | 30-120 |  |  |
| Benzo (a) pyrene                   | 0.0234 | 0.00500 | "     | 0.0333 | ND | 70.1 | 30-120 |  |  |
| Benzo (b) fluoranthene             | 0.0251 | 0.00500 | "     | 0.0333 | ND | 75.3 | 30-120 |  |  |
| Benzo (k) fluoranthene             | 0.0257 | 0.00500 | "     | 0.0333 | ND | 77.1 | 30-120 |  |  |
| Chrysene                           | 0.0245 | 0.00500 | "     | 0.0333 | ND | 73.4 | 30-120 |  |  |
| Dibenz (a,h) anthracene            | 0.0196 | 0.00500 | "     | 0.0333 | ND | 58.8 | 30-120 |  |  |
| Fluoranthene                       | 0.0277 | 0.00500 | "     | 0.0333 | ND | 83.0 | 30-120 |  |  |
| Fluorene                           | 0.0257 | 0.00500 | "     | 0.0333 | ND | 77.1 | 30-120 |  |  |
| Indeno (1,2,3-cd) pyrene           | 0.0145 | 0.00500 | "     | 0.0333 | ND | 43.5 | 30-120 |  |  |
| Pyrene                             | 0.0237 | 0.00500 | "     | 0.0333 | ND | 71.1 | 35-142 |  |  |
| 1-Methylnaphthalene                | 0.0303 | 0.00500 | "     | 0.0333 | ND | 91.0 | 15-130 |  |  |
| 2-Methylnaphthalene                | 0.0327 | 0.00500 | "     | 0.0333 | ND | 98.2 | 15-130 |  |  |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0250 |         | "     | 0.0333 |    | 74.9 | 40-150 |  |  |
| Surrogate: Fluoranthene-d10        | 0.0281 |         | "     | 0.0333 |    | 84.4 | 40-150 |  |  |

##### Matrix Spike Dup (BHA1034-MSD1)

Source: 2401511-01

Prepared & Analyzed: 01/30/24

|                                    |        |         |       |        |    |      |        |      |    |
|------------------------------------|--------|---------|-------|--------|----|------|--------|------|----|
| Acenaphthene                       | 0.0215 | 0.00500 | mg/kg | 0.0333 | ND | 64.4 | 31-137 | 12.4 | 30 |
| Anthracene                         | 0.0216 | 0.00500 | "     | 0.0333 | ND | 64.7 | 30-120 | 9.95 | 30 |
| Benzo (a) anthracene               | 0.0210 | 0.00500 | "     | 0.0333 | ND | 62.9 | 30-120 | 9.60 | 30 |
| Benzo (a) pyrene                   | 0.0213 | 0.00500 | "     | 0.0333 | ND | 63.9 | 30-120 | 9.24 | 30 |
| Benzo (b) fluoranthene             | 0.0218 | 0.00500 | "     | 0.0333 | ND | 65.4 | 30-120 | 14.0 | 30 |
| Benzo (k) fluoranthene             | 0.0223 | 0.00500 | "     | 0.0333 | ND | 66.9 | 30-120 | 14.3 | 30 |
| Chrysene                           | 0.0233 | 0.00500 | "     | 0.0333 | ND | 69.9 | 30-120 | 4.96 | 30 |
| Dibenz (a,h) anthracene            | 0.0233 | 0.00500 | "     | 0.0333 | ND | 69.9 | 30-120 | 17.4 | 30 |
| Fluoranthene                       | 0.0226 | 0.00500 | "     | 0.0333 | ND | 67.9 | 30-120 | 20.1 | 30 |
| Fluorene                           | 0.0223 | 0.00500 | "     | 0.0333 | ND | 66.9 | 30-120 | 14.1 | 30 |
| Indeno (1,2,3-cd) pyrene           | 0.0180 | 0.00500 | "     | 0.0333 | ND | 53.9 | 30-120 | 21.3 | 30 |
| Pyrene                             | 0.0205 | 0.00500 | "     | 0.0333 | ND | 61.5 | 35-142 | 14.4 | 30 |
| 1-Methylnaphthalene                | 0.0227 | 0.00500 | "     | 0.0333 | ND | 68.1 | 15-130 | 28.8 | 50 |
| 2-Methylnaphthalene                | 0.0269 | 0.00500 | "     | 0.0333 | ND | 80.7 | 15-130 | 19.6 | 50 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0150 |         | "     | 0.0333 |    | 45.0 | 40-150 |      |    |
| Surrogate: Fluoranthene-d10        | 0.0154 |         | "     | 0.0333 |    | 46.3 | 40-150 |      |    |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHA1031 - EPA 3050B**

**Blank (BHA1031-BLK1)**

Prepared: 01/30/24 Analyzed: 01/31/24

Boron ND 2.00 mg/L

**LCS (BHA1031-BS1)**

Prepared: 01/30/24 Analyzed: 01/31/24

Boron 5.00 2.00 mg/L 5.00 100 80-120

**Duplicate (BHA1031-DUP1)**

**Source: 2401434-01**

Prepared: 01/30/24 Analyzed: 01/31/24

Boron 0.213 2.00 mg/L 0.0929 78.5 20 QR-01

**Matrix Spike (BHA1031-MS1)**

**Source: 2401434-01**

Prepared: 01/30/24 Analyzed: 01/31/24

Boron 10.2 2.00 mg/L 5.00 0.0929 203 75-125 QM-07

**Matrix Spike Dup (BHA1031-MSD1)**

**Source: 2401434-01**

Prepared: 01/30/24 Analyzed: 01/31/24

Boron 11.4 2.00 mg/L 5.00 0.0929 226 75-125 11.0 25 QM-07

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHA1047 - EPA 3050B**

**Blank (BHA1047-BLK1)**

Prepared: 01/30/24 Analyzed: 01/31/24

|          |    |        |           |
|----------|----|--------|-----------|
| Arsenic  | ND | 0.200  | mg/kg wet |
| Barium   | ND | 0.400  | "         |
| Cadmium  | ND | 0.200  | "         |
| Copper   | ND | 0.400  | "         |
| Lead     | ND | 0.200  | "         |
| Nickel   | ND | 0.400  | "         |
| Silver   | ND | 0.0200 | "         |
| Zinc     | ND | 0.400  | "         |
| Selenium | ND | 0.260  | "         |

**LCS (BHA1047-BS1)**

Prepared: 01/30/24 Analyzed: 01/31/24

|          |      |        |           |      |      |        |
|----------|------|--------|-----------|------|------|--------|
| Arsenic  | 32.3 | 0.200  | mg/kg wet | 40.0 | 80.7 | 80-120 |
| Barium   | 34.6 | 0.400  | "         | 40.0 | 86.4 | 80-120 |
| Cadmium  | 1.79 | 0.200  | "         | 2.00 | 89.7 | 80-120 |
| Copper   | 41.1 | 0.400  | "         | 40.0 | 103  | 80-120 |
| Lead     | 17.7 | 0.200  | "         | 20.0 | 88.7 | 80-120 |
| Nickel   | 40.3 | 0.400  | "         | 40.0 | 101  | 80-120 |
| Silver   | 1.79 | 0.0200 | "         | 2.00 | 89.4 | 80-120 |
| Zinc     | 40.7 | 0.400  | "         | 40.0 | 102  | 80-120 |
| Selenium | 3.61 | 0.260  | "         | 4.00 | 90.3 | 80-120 |

**Duplicate (BHA1047-DUP1)**

Source: 2401510-01

Prepared: 01/30/24 Analyzed: 01/31/24

|          |         |        |           |         |      |    |
|----------|---------|--------|-----------|---------|------|----|
| Arsenic  | 1.46    | 0.200  | mg/kg dry | 1.78    | 20.0 | 20 |
| Barium   | 34.5    | 0.400  | "         | 30.5    | 12.1 | 20 |
| Cadmium  | 0.148   | 0.200  | "         | 0.152   | 2.88 | 20 |
| Copper   | 3.38    | 0.400  | "         | 3.09    | 9.10 | 20 |
| Lead     | 2.38    | 0.200  | "         | 2.97    | 21.8 | 20 |
| Nickel   | 2.50    | 0.400  | "         | 2.40    | 4.00 | 20 |
| Silver   | 0.00649 | 0.0200 | "         | 0.00563 | 14.3 | 20 |
| Zinc     | 9.76    | 0.400  | "         | 8.74    | 11.0 | 20 |
| Selenium | ND      | 0.260  | "         | ND      |      | 20 |

QR-04

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHA1047 - EPA 3050B**

| Matrix Spike (BHA1047-MS1) |      | Source: 2401510-01 |           |      | Prepared: 01/30/24 Analyzed: 01/31/24 |      |        |  |  |  |
|----------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|--|--|--|
| Arsenic                    | 36.2 | 0.200              | mg/kg dry | 43.3 | 1.78                                  | 79.5 | 75-125 |  |  |  |
| Barium                     | 66.9 | 0.400              | "         | 43.3 | 30.5                                  | 84.0 | 75-125 |  |  |  |
| Cadmium                    | 2.09 | 0.200              | "         | 2.16 | 0.152                                 | 89.5 | 75-125 |  |  |  |
| Copper                     | 38.1 | 0.400              | "         | 43.3 | 3.09                                  | 81.0 | 75-125 |  |  |  |
| Lead                       | 21.4 | 0.200              | "         | 21.6 | 2.97                                  | 85.1 | 75-125 |  |  |  |
| Nickel                     | 36.5 | 0.400              | "         | 43.3 | 2.40                                  | 78.7 | 75-125 |  |  |  |
| Silver                     | 1.88 | 0.0200             | "         | 2.16 | 0.00563                               | 86.6 | 75-125 |  |  |  |
| Zinc                       | 44.2 | 0.400              | "         | 43.3 | 8.74                                  | 82.0 | 75-125 |  |  |  |
| Selenium                   | 3.87 | 0.260              | "         | 4.33 | ND                                    | 89.3 | 75-125 |  |  |  |

| Matrix Spike Dup (BHA1047-MSD1) |      | Source: 2401510-01 |           |      | Prepared: 01/30/24 Analyzed: 01/31/24 |      |        |         |    |  |
|---------------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|---------|----|--|
| Arsenic                         | 35.9 | 0.200              | mg/kg dry | 43.3 | 1.78                                  | 78.9 | 75-125 | 0.718   | 25 |  |
| Barium                          | 66.9 | 0.400              | "         | 43.3 | 30.5                                  | 84.0 | 75-125 | 0.00649 | 25 |  |
| Cadmium                         | 2.14 | 0.200              | "         | 2.16 | 0.152                                 | 91.9 | 75-125 | 2.43    | 25 |  |
| Copper                          | 38.1 | 0.400              | "         | 43.3 | 3.09                                  | 80.8 | 75-125 | 0.149   | 25 |  |
| Lead                            | 21.2 | 0.200              | "         | 21.6 | 2.97                                  | 84.1 | 75-125 | 1.01    | 25 |  |
| Nickel                          | 36.5 | 0.400              | "         | 43.3 | 2.40                                  | 78.8 | 75-125 | 0.101   | 25 |  |
| Silver                          | 1.91 | 0.0200             | "         | 2.16 | 0.00563                               | 88.2 | 75-125 | 1.73    | 25 |  |
| Zinc                            | 43.8 | 0.400              | "         | 43.3 | 8.74                                  | 81.1 | 75-125 | 0.890   | 25 |  |
| Selenium                        | 3.69 | 0.260              | "         | 4.33 | ND                                    | 85.3 | 75-125 | 4.61    | 25 |  |

Summit Scientific

*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.*





Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Hexavalent Chromium by EPA Method 7196 - Quality Control**  
**Summit Scientific**

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

**Batch BHA1056 - 3060A Mod**

**Blank (BHA1056-BLK1)**

Prepared & Analyzed: 01/30/24

Chromium, Hexavalent ND 0.30 mg/kg wet

**LCS (BHA1056-BS1)**

Prepared & Analyzed: 01/30/24

Chromium, Hexavalent 23.3 0.30 mg/kg wet 25.0 93.2 80-120

**Duplicate (BHA1056-DUP1)**

**Source: 2401156-04**

Prepared & Analyzed: 01/30/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

**Matrix Spike (BHA1056-MS1)**

**Source: 2401156-04**

Prepared & Analyzed: 01/30/24

Chromium, Hexavalent 25.3 0.30 mg/kg dry 26.8 ND 94.6 75-125

**Matrix Spike Dup (BHA1056-MSD1)**

**Source: 2401156-04**

Prepared & Analyzed: 01/30/24

Chromium, Hexavalent 25.2 0.30 mg/kg dry 26.8 ND 94.0 75-125 0.636 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHA1030 - General Preparation**

**Blank (BHA1030-BLK1)**

Prepared: 01/29/24 Analyzed: 01/31/24

|           |    |        |          |
|-----------|----|--------|----------|
| Calcium   | ND | 0.0500 | mg/L wet |
| Magnesium | ND | 0.0500 | "        |
| Sodium    | ND | 0.0500 | "        |

**LCS (BHA1030-BS1)**

Prepared: 01/29/24 Analyzed: 01/31/24

|           |      |        |          |      |     |        |
|-----------|------|--------|----------|------|-----|--------|
| Calcium   | 5.74 | 0.0500 | mg/L wet | 5.00 | 115 | 70-130 |
| Magnesium | 5.77 | 0.0500 | "        | 5.00 | 115 | 70-130 |
| Sodium    | 5.79 | 0.0500 | "        | 5.00 | 116 | 70-130 |

Summit Scientific

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|  |   |                             |
|--|---|-----------------------------|
| Fremont Environmental<br>PO Box 1289<br>Wellington CO, 80549 | Project: Noble - Grigsby AC H-62Hz<br>Project Number: [none]<br>Project Manager: Paul Henchan | Reported:<br>02/01/24 13:12 |
|--|---|-----------------------------|

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch BHA1046 - General Preparation

|                          |                    |  |   |                                       |      |  |  |       |    |  |
|--------------------------|--------------------|--|---|---------------------------------------|------|--|--|-------|----|--|
| Duplicate (BHA1046-DUP1) | Source: 2401510-01 |  |   | Prepared: 01/30/24 Analyzed: 01/31/24 |      |  |  |       |    |  |
| % Solids                 | 91.9               |  | % |                                       | 92.4 |  |  | 0.537 | 20 |  |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHA1042 - General Preparation**

**Blank (BHA1042-BLK1)**

Prepared: 01/30/24 Analyzed: 01/31/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHA1042-BS1)**

Prepared: 01/30/24 Analyzed: 01/31/24

Specific Conductance (EC) 0.150 0.0100 mmhos/cm 0.150 100 95-105

**Duplicate (BHA1042-DUP1)**

**Source: 2401510-01**

Prepared: 01/30/24 Analyzed: 01/31/24

Specific Conductance (EC) 0.344 0.0100 mmhos/cm 0.343 0.146 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHA1041 - General Preparation**

**LCS (BHA1041-BS1)**

Prepared: 01/30/24 Analyzed: 01/31/24

|    |      |          |      |     |        |
|----|------|----------|------|-----|--------|
| pH | 9.28 | pH Units | 9.18 | 101 | 95-105 |
|----|------|----------|------|-----|--------|

**Duplicate (BHA1041-DUP1)**

**Source: 2401510-01**

Prepared: 01/30/24 Analyzed: 01/31/24

|    |      |          |      |       |    |
|----|------|----------|------|-------|----|
| pH | 7.73 | pH Units | 7.71 | 0.259 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC H-62Hz

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/01/24 13:12

### Notes and Definitions

|       |   |
|-------|---|
| S-02  | The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.          |
| S-01  | The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.               |
| R-01  | The Reporting Limit for this analyte has been raised to account for matrix interference.  |
| QR-04 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.               |
| QR-01 | Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.                               |
| DET   | Analyte DETECTED  |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| NR    | Not Reported  |
| dry   | Sample results reported on a dry weight basis   |
| RPD   | Relative Percent Difference   |

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 06, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

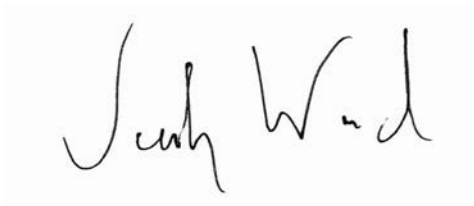
Wellington, CO 80549

RE: Noble - Grigsby AC 19-62HN

Work Order #2401564

Enclosed are the results of analyses for samples received by Summit Scientific on 01/31/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President





Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| SS-01 6FT | 2401564-01    | Soil   | 01/31/24 00:00 | 01/31/24 16:30 |
| SS-06 6FT | 2401564-02    | Soil   | 01/31/24 00:00 | 01/31/24 16:30 |
| SS-07 6FT | 2401564-03    | Soil   | 01/31/24 00:00 | 01/31/24 16:30 |
| SS-09 6FT | 2401564-04    | Soil   | 01/31/24 00:00 | 01/31/24 16:30 |
| SS-14 6FT | 2401564-05    | Soil   | 01/31/24 00:00 | 01/31/24 16:30 |

Summit Scientific

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# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

|         |      |    |
|---------|------|----|
| Lab ID  | Page | of |
| 2401564 |      |    |

|                                       |   |                         |
|---------------------------------------|---|-------------------------|
| <b>Send Data To:</b>                  |   | <b>Send Invoice To:</b> |
| Client: Fremont Environmental, Inc.   | Project Manager: Henshan  | Company: Chevron        |
| Address: 8305 6th St.,                | E-Mail: Chevron Dist. List, PDC Dist. List, Civitas Dist. List                                  | Project Name/Location:  |
| City/State/Zip: Wellington, CO, 80549 | Fremont Dist. List (@fremontenv.com) paulH, ethanB, nickL, mikeG, JeffG, christL, stanG, aaronO | AFE#:                   |
| Phone: 603-477-6907                   | Project Name: Noble - Grigsby AC 19-62 HN   | PO/Billing Codes:       |
| Sampler Name: Ethan Black             | Project Number:   | Contact: Dan P.         |

|    |                    |              |              |                 | Preservative |      |      |       | Matrix |      | Analysis Requested |       |                         |              |     |                    |                      | Special Instructions   |  |  |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|--------------------|-------|-------------------------|--------------|-----|--------------------|----------------------|------------------------|--|--|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl          | HNO3 | None | Other | Water  | Soil | Air-Canister #     | Other | BTEX, Naphthalene, TMBs | TPH (C6-C36) | PAH | SAR, EC, pH, Boron | Metals (Table 915-1) | TDS, Chloride, Sulfate |  |  |
| 1  | SS-01 6FT          | 1/31/24      |              | 2               |              |      | X    |       |        | X    |                    |       | X                       | X            | X   | X                  | X                    | X                      |  |  |
| 2  | SS-06 6FT          | I            |              | I               |              |      | I    |       |        | I    |                    |       | I                       | I            | I   | I                  | I                    | I                      |  |  |
| 3  | SS-07 6FT          | I            |              | I               |              |      | I    |       |        | I    |                    |       | I                       | I            | I   | I                  | I                    | I                      |  |  |
| 4  | SS-09 6FT          | I            |              | I               |              |      | I    |       |        | I    |                    |       | I                       | I            | I   | I                  | I                    | I                      |  |  |
| 5  | SS-14 6FT          | I            |              | I               |              |      | I    |       |        | I    |                    |       | I                       | I            | I   | I                  | I                    | I                      |  |  |
| 6  |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 7  |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 8  |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 9  |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 10 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 11 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 12 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 13 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 14 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |
| 15 |                    |              |              |                 |              |      |      |       |        |      |                    |       |                         |              |     |                    |                      |                        |  |  |

|                                     |                          |                                 |                         |  |             |        |
|-------------------------------------|--------------------------|---------------------------------|-------------------------|--|-------------|--------|
| Relinquished by: <i>Ethan Black</i> | Date/Time: 1/31/24 1555  | Received by: S2 - North Office  | Date/Time: 1/31/24 1555 | TAT Business Days                            | Field DO    | Notes: |
|                                     |                          |                                 |                         | Same Day <input checked="" type="checkbox"/> | Field EC    |        |
| Relinquished by: S2                 | Date/Time: 1/31/24 1630  | Received by: <i>[Signature]</i> | Date/Time: 1/31/24 1630 | 1 Day  | Field ORP   |        |
|                                     |                          |                                 |                         | 2 Days                                       | Field pH    |        |
| Relinquished by:                    | Date/Time:               | Received by:                    | Date/Time:              | 3 Days                                       | Field Temp. |        |
|                                     |                          |                                 |                         | Standard                                     | Field Turb. |        |
| Temperature Upon Receipt: 9.1       | Corrected Temperature: 9 | IR gun #:                       | 1                       | HNO3 lot #:                                  |             |        |

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2401564Client: FremontClient Project ID: Noble-Grigsby AC19-62 HNShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐Airbill #:                     

|                          |                                     |                          |                          |                          |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply)

Air ☐Soil/Solid ☒Water ☐Other ☐

Temp (°C)

9.1

Thermometer #

1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any)     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br><b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <u>on ICE</u>         |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                       |
| Are samples due within 48 hours present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <u>Same day</u>       |
| Are water samples with short hold times present?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                       |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <u>no time stamps</u> |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input 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"/>            |                       |
| 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"/>            |                       |
| For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                       |
| Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                       |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                       |
| If dissolved metals are requested, were samples field filtered?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                       |
| <u>Additional Comments (if any):</u>  |                                     |                                     |                                     |                       |
|   |                                     |                                     |                                     |                       |
|   |                                     |                                     |                                     |                       |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.
AB  
Custodian Printed Name

1/31/24  
Date/Time



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-01 6FT**  
**2401564-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result        | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|---------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|                                    |               | Limit     |  |       |          |         |          |          |           |       |
| <b>Benzene</b>                     | <b>0.012</b>  | 0.0020    |  | mg/kg | 1        | BHA1127 | 01/31/24 | 02/01/24 | EPA 8260B |       |
| Toluene                            | ND            | 0.0050    |  | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                       | ND            | 0.0050    |  | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>             | <b>0.016</b>  | 0.010     |  | "     | "        | "       | "        | "        | "         |       |
| <b>1,2,4-Trimethylbenzene</b>      | <b>0.017</b>  | 0.0050    |  | "     | "        | "       | "        | "        | "         |       |
| <b>1,3,5-Trimethylbenzene</b>      | <b>0.011</b>  | 0.0050    |  | "     | "        | "       | "        | "        | "         |       |
| <b>Naphthalene</b>                 | <b>0.0079</b> | 0.0038    |  | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>0.54</b>   | 0.50      |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                          | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0439 | 110 %     |  | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0393 | 98.3 %    |  | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0400 | 100 %     |  | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/31/24 00:00**

| Analyte       | Result | Reporting |  | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |  |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        |  | mg/kg | 1        | BHA1129 | 01/31/24 | 01/31/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        |  | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                | Result | Reporting |  | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |  |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 9.14   | 73.2 %    |  | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

Summit Scientific

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.



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-01 6FT**  
**2401564-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/31/24 00:00**

| Analyte                  | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                          |        | Limit     |       |          |         |          |          |               |       |
| Acenaphthene             | ND     | 0.00500   | mg/kg | 1        | BHB0018 | 02/01/24 | 02/01/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500   | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0214 | 64.2 %    | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0201 | 60.4 %    | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     |       |          |         |          |          |           |       |
| Boron   | ND     | 2.00      | mg/L  | 1        | BHB0022 | 02/01/24 | 02/02/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-01 6FT**  
**2401564-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 1.72   | 0.200  | mg/kg dry | 1 | BHB0038 | 02/01/24 | 02/03/24 | EPA 6020B |
| Barium   | 17.9   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.246  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 10.1   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 15.1   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 5.20   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0509 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 28.7   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/31/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0028 | 02/01/24 | 02/01/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 14.4   | 0.0500          | mg/L dry | 1        | BHA1133 | 01/31/24 | 02/01/24 | EPA 6020B |       |
| Magnesium | 13.6   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 296    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/31/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 13.4   | 0.00100         | units | 1        | BHB0114 | 02/05/24 | 02/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-01 6FT**  
**2401564-01 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 80.2 | % | 1 | BHB0066 | 02/02/24 | 02/05/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.52   | 0.0100          | mmhos/cm | 1        | BHB0004 | 02/01/24 | 02/01/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 8.83   |                 | pH Units | 1        | BHB0003 | 02/01/24 | 02/01/24 | EPA 9045D |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-06 6FT**  
**2401564-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/31/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHA1127 | 01/31/24 | 02/01/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0441 | 110 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0377 | 94.3 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0393 | 98.2 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/31/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHA1129 | 01/31/24 | 01/31/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.95   | 63.6 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-06 6FT**  
**2401564-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/31/24 00:00**

| Analyte                  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene             | ND     | 0.00500         | mg/kg | 1        | BHB0018 | 02/01/24 | 02/01/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0207 | 62.2 %          | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0186 | 55.9 %          | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 2.00            | mg/L  | 1        | BHB0022 | 02/01/24 | 02/02/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-06 6FT**  
**2401564-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 3.22   | 0.200  | mg/kg dry | 1 | BHB0038 | 02/01/24 | 02/03/24 | EPA 6020B |
| Barium   | 10.3   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.231  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 10.1   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 13.9   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 5.51   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0412 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 32.7   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/31/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0028 | 02/01/24 | 02/01/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 288    | 0.0500          | mg/L dry | 1        | BHA1133 | 01/31/24 | 02/01/24 | EPA 6020B |       |
| Magnesium | 165    | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 780    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/31/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 9.08   | 0.00100         | units | 1        | BHB0114 | 02/05/24 | 02/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-06 6FT**  
**2401564-02 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 80.5 | % | 1 | BHB0066 | 02/02/24 | 02/05/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 4.62   | 0.0100          | mmhos/cm | 1        | BHB0004 | 02/01/24 | 02/01/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 8.64   |                 | pH Units | 1        | BHB0003 | 02/01/24 | 02/01/24 | EPA 9045D |       |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-07 6FT**  
**2401564-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/31/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHA1127 | 01/31/24 | 02/01/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0434 | 109 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0381 | 95.3 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0407 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/31/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHA1129 | 01/31/24 | 02/01/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.90   | 63.2 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-07 6FT**  
**2401564-03 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/31/24 00:00**

| Analyte                  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene             | ND     | 0.00500         | mg/kg | 1        | BHB0018 | 02/01/24 | 02/01/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0222 | 66.5 %          | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0215 | 64.4 %          | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 2.00            | mg/L  | 1        | BHB0022 | 02/01/24 | 02/02/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-07 6FT**  
**2401564-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 4.20   | 0.200  | mg/kg dry | 1 | BHB0038 | 02/01/24 | 02/03/24 | EPA 6020B |
| Barium   | 13.1   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.261  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 7.39   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 9.17   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 7.87   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0345 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 44.9   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/31/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0028 | 02/01/24 | 02/01/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 13.4   | 0.0500          | mg/L dry | 1        | BHA1133 | 01/31/24 | 02/01/24 | EPA 6020B |       |
| Magnesium | 12.9   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 167    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/31/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 7.81   | 0.00100         | units | 1        | BHB0114 | 02/05/24 | 02/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-07 6FT**  
**2401564-03 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 81.2 | % | 1 | BHB0066 | 02/02/24 | 02/05/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte                   | Result       | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | <b>0.942</b> | 0.0100          | mmhos/cm | 1        | BHB0004 | 02/01/24 | 02/01/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result      | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | <b>8.79</b> |                 | pH Units | 1        | BHB0003 | 02/01/24 | 02/01/24 | EPA 9045D |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-09 6FT**  
**2401564-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result        | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|------------------------------------|---------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                                    |               | Limit     |       |          |         |          |          |           |       |
| <b>Benzene</b>                     | <b>0.016</b>  | 0.0020    | mg/kg | 1        | BHA1127 | 01/31/24 | 02/01/24 | EPA 8260B |       |
| <b>Toluene</b>                     | <b>0.014</b>  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                       | ND            | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>             | <b>0.037</b>  | 0.010     | "     | "        | "       | "        | "        | "         |       |
| <b>1,2,4-Trimethylbenzene</b>      | <b>0.018</b>  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene             | ND            | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| <b>Naphthalene</b>                 | <b>0.0087</b> | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Hydrocarbons</b> | <b>0.52</b>   | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                                 | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|   |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0449 | 112 %     | 50-150 |          | "     | "        | "        | "      |       |
| <i>Surrogate: Toluene-d8</i>            | 0.0385 | 96.2 %    | 50-150 |          | "     | "        | "        | "      |       |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | 0.0413 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/31/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHA1129 | 01/31/24 | 02/01/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                       | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                               |        | Limit     |        |          |       |          |          |        |       |
| <i>Surrogate: o-Terphenyl</i> | 8.60   | 68.8 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-09 6FT**  
**2401564-04 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/31/24 00:00**

| Analyte                  | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene             | ND     | 0.00500         | mg/kg | 1        | BHB0018 | 02/01/24 | 02/01/24 | EPA 8270D SIM |       |
| Anthracene               | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene     | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene         | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Chrysene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene  | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene             | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Fluorene                 | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| Pyrene                   | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 1-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |
| 2-Methylnaphthalene      | ND     | 0.00500         | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0213 | 63.9 %          | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0194 | 58.3 %          | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron   | ND     | 2.00            | mg/L  | 1        | BHB0022 | 02/01/24 | 02/02/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-09 6FT**  
**2401564-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 5.30   | 0.200  | mg/kg dry | 1 | BHB0038 | 02/01/24 | 02/03/24 | EPA 6020B |
| Barium   | 23.8   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.328  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 12.0   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 15.1   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 8.66   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0521 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 49.1   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/31/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0028 | 02/01/24 | 02/01/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 8.36   | 0.0500          | mg/L dry | 1        | BHA1133 | 01/31/24 | 02/01/24 | EPA 6020B |       |
| Magnesium | 8.45   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 356    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/31/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 20.8   | 0.00100         | units | 1        | BHB0114 | 02/05/24 | 02/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-09 6FT**  
**2401564-04 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 75.2 | % | 1 | BHB0066 | 02/02/24 | 02/05/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.65   | 0.0100          | mmhos/cm | 1        | BHB0004 | 02/01/24 | 02/01/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 9.76   |                 | pH Units | 1        | BHB0003 | 02/01/24 | 02/01/24 | EPA 9045D |       |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-14 6FT**  
**2401564-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **01/31/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | 0.0092 | 0.0020    | mg/kg | 1        | BHA1127 | 01/31/24 | 02/01/24 | EPA 8260B |       |
| Toluene                     | 0.016  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | 0.015  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | 0.060  | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | 0.024  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | 0.012  | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | 0.012  | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | 0.67   | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0439 | 110 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0398 | 99.4 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0386 | 96.5 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **01/31/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHA1129 | 01/31/24 | 02/01/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **01/31/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 8.24   | 65.9 %    | 30-150 |          | "     | "        | "        | "      |       |

**PAH by EPA Method 8270D SIM**

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-14 6FT**  
**2401564-05 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **01/31/24 00:00**

| Analyte                    | Result         | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method        | Notes |
|----------------------------|----------------|-----------|-------|----------|---------|----------|----------|---------------|-------|
|                            |                | Limit     |       |          |         |          |          |               |       |
| Acenaphthene               | ND             | 0.00500   | mg/kg | 1        | BHB0018 | 02/01/24 | 02/01/24 | EPA 8270D SIM |       |
| Anthracene                 | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) anthracene       | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (a) pyrene           | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (b) fluoranthene     | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Benzo (k) fluoranthene     | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Chrysene                   | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Dibenz (a,h) anthracene    | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluoranthene               | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Fluorene                   | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Indeno (1,2,3-cd) pyrene   | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| Pyrene                     | ND             | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| <b>1-Methylnaphthalene</b> | <b>0.00544</b> | 0.00500   | "     | "        | "       | "        | "        | "             |       |
| <b>2-Methylnaphthalene</b> | <b>0.00684</b> | 0.00500   | "     | "        | "       | "        | "        | "             |       |

Date Sampled: **01/31/24 00:00**

| Analyte                            | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                    |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0155 | 46.4 %    | 40-150 |          | "     | "        | "        | "      |       |
| Surrogate: Fluoranthene-d10        | 0.0161 | 48.4 %    | 40-150 |          | "     | "        | "        | "      |       |

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|         |        | Limit     |       |          |         |          |          |           |       |
| Boron   | ND     | 2.00      | mg/L  | 1        | BHB0022 | 02/01/24 | 02/02/24 | EPA 6020B |       |

**Total Metals by EPA 6020B**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**SS-14 6FT**  
**2401564-05 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

|          |        |        |           |   |         |          |          |           |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic  | 3.74   | 0.200  | mg/kg dry | 1 | BHB0038 | 02/01/24 | 02/03/24 | EPA 6020B |
| Barium   | 19.0   | 0.400  | "         | " | "       | "        | "        | "         |
| Cadmium  | 0.276  | 0.200  | "         | " | "       | "        | "        | "         |
| Copper   | 9.33   | 0.400  | "         | " | "       | "        | "        | "         |
| Lead     | 12.4   | 0.200  | "         | " | "       | "        | "        | "         |
| Nickel   | 7.38   | 0.400  | "         | " | "       | "        | "        | "         |
| Silver   | 0.0437 | 0.0200 | "         | " | "       | "        | "        | "         |
| Zinc     | 37.8   | 0.400  | "         | " | "       | "        | "        | "         |
| Selenium | ND     | 0.260  | "         | " | "       | "        | "        | "         |

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **01/31/24 00:00**

| Analyte              | Result | Reporting Limit | Units     | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND     | 0.30            | mg/kg dry | 1        | BHB0028 | 02/01/24 | 02/01/24 | EPA 7196A |       |

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium   | 87.5   | 0.0500          | mg/L dry | 1        | BHA1133 | 01/31/24 | 02/01/24 | EPA 6020B |       |
| Magnesium | 71.4   | 0.0500          | "        | "        | "       | "        | "        | "         |       |
| Sodium    | 786    | 0.0500          | "        | "        | "       | "        | "        | "         |       |

**Calculated Analysis**

Date Sampled: **01/31/24 00:00**

| Analyte                 | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method      | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 15.1   | 0.00100         | units | 1        | BHB0114 | 02/05/24 | 02/05/24 | Calculation |       |

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/31/24 00:00**

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

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henehan

**Reported:**  
02/06/24 15:42

**SS-14 6FT**  
**2401564-05 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

|          |      |   |   |         |          |          |             |
|----------|------|---|---|---------|----------|----------|-------------|
| % Solids | 79.6 | % | 1 | BHB0066 | 02/02/24 | 02/05/24 | Calculation |
|----------|------|---|---|---------|----------|----------|-------------|

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte                   | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 3.52   | 0.0100          | mmhos/cm | 1        | BHB0004 | 02/01/24 | 02/01/24 | EPA 120.1 |       |

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction**

Date Sampled: **01/31/24 00:00**

| Analyte | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH      | 8.94   |                 | pH Units | 1        | BHB0003 | 02/01/24 | 02/01/24 | EPA 9045D |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHA1127 - EPA 5030 Soil MS

##### Blank (BHA1127-BLK1)

Prepared: 01/31/24 Analyzed: 02/01/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | ND     | 0.0020 | mg/kg |        |  |      |        |  |  |  |
| Toluene                          | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                     | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Xylenes (total)                  | ND     | 0.010  | "     |        |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Naphthalene                      | ND     | 0.0038 | "     |        |  |      |        |  |  |  |
| Gasoline Range Hydrocarbons      | ND     | 0.50   | "     |        |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0407 |        | "     | 0.0400 |  | 102  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0394 |        | "     | 0.0400 |  | 98.6 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0405 |        | "     | 0.0400 |  | 101  | 50-150 |  |  |  |

##### LCS (BHA1127-BS1)

Prepared: 01/31/24 Analyzed: 02/01/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.0967 | 0.0020 | mg/kg | 0.100  |  | 96.7 | 70-130 |  |  |  |
| Toluene                          | 0.0943 | 0.0050 | "     | 0.100  |  | 94.3 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0896 | 0.0050 | "     | 0.100  |  | 89.6 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.177  | 0.010  | "     | 0.200  |  | 88.7 | 70-130 |  |  |  |
| o-Xylene                         | 0.0903 | 0.0050 | "     | 0.100  |  | 90.3 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0813 | 0.0050 | "     | 0.100  |  | 81.3 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0813 | 0.0050 | "     | 0.100  |  | 81.3 | 70-130 |  |  |  |
| Naphthalene                      | 0.0964 | 0.0038 | "     | 0.100  |  | 96.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0426 |        | "     | 0.0400 |  | 107  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0400 |        | "     | 0.0400 |  | 100  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0382 |        | "     | 0.0400 |  | 95.5 | 50-150 |  |  |  |

##### Matrix Spike (BHA1127-MS1)

Source: 2401563-01

Prepared: 01/31/24 Analyzed: 02/01/24

|                                  |        |        |       |        |    |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene                          | 0.0802 | 0.0020 | mg/kg | 0.100  | ND | 80.2 | 70-130 |  |  |  |
| Toluene                          | 0.0749 | 0.0050 | "     | 0.100  | ND | 74.9 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0721 | 0.0050 | "     | 0.100  | ND | 72.1 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.141  | 0.010  | "     | 0.200  | ND | 70.4 | 70-130 |  |  |  |
| o-Xylene                         | 0.0723 | 0.0050 | "     | 0.100  | ND | 72.3 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0700 | 0.0050 | "     | 0.100  | ND | 70.0 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0721 | 0.0050 | "     | 0.100  | ND | 72.1 | 70-130 |  |  |  |
| Naphthalene                      | 0.0861 | 0.0038 | "     | 0.100  | ND | 86.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0424 |        | "     | 0.0400 |    | 106  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0392 |        | "     | 0.0400 |    | 98.0 | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0422 |        | "     | 0.0400 |    | 105  | 50-150 |  |  |  |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHA1127 - EPA 5030 Soil MS**

| Matrix Spike Dup (BHA1127-MSD1)  | Source: 2401563-01 |        |       | Prepared: 01/31/24 Analyzed: 02/01/24 |    |      |        |      |    |  |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|------|----|--|
| Benzene                          | 0.0828             | 0.0020 | mg/kg | 0.100                                 | ND | 82.8 | 70-130 | 3.13 | 30 |  |
| Toluene                          | 0.0799             | 0.0050 | "     | 0.100                                 | ND | 79.9 | 70-130 | 6.43 | 30 |  |
| Ethylbenzene                     | 0.0737             | 0.0050 | "     | 0.100                                 | ND | 73.7 | 70-130 | 2.22 | 30 |  |
| m,p-Xylene                       | 0.146              | 0.010  | "     | 0.200                                 | ND | 72.8 | 70-130 | 3.35 | 30 |  |
| o-Xylene                         | 0.0741             | 0.0050 | "     | 0.100                                 | ND | 74.1 | 70-130 | 2.46 | 30 |  |
| 1,2,4-Trimethylbenzene           | 0.0721             | 0.0050 | "     | 0.100                                 | ND | 72.1 | 70-130 | 2.91 | 30 |  |
| 1,3,5-Trimethylbenzene           | 0.0757             | 0.0050 | "     | 0.100                                 | ND | 75.7 | 70-130 | 4.91 | 30 |  |
| Naphthalene                      | 0.0913             | 0.0038 | "     | 0.100                                 | ND | 91.3 | 70-130 | 5.78 | 30 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0452             |        | "     | 0.0400                                |    | 113  | 50-150 |      |    |  |
| Surrogate: Toluene-d8            | 0.0398             |        | "     | 0.0400                                |    | 99.5 | 50-150 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0393             |        | "     | 0.0400                                |    | 98.2 | 50-150 |      |    |  |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHA1129 - EPA 3550A**

**Blank (BHA1129-BLK1)**

Prepared: 01/31/24 Analyzed: 02/01/24

|                        |      |    |       |      |  |      |        |  |  |  |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |  |      |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |  |      |        |  |  |  |
| Surrogate: o-Terphenyl | 11.7 |    | "     | 12.5 |  | 93.9 | 30-150 |  |  |  |

**LCS (BHA1129-BS1)**

Prepared: 01/31/24 Analyzed: 02/01/24

|                        |      |    |       |      |  |      |        |  |  |  |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO)          | 438  | 50 | mg/kg | 500  |  | 87.5 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 8.54 |    | "     | 12.5 |  | 68.3 | 30-150 |  |  |  |

**Matrix Spike (BHA1129-MS1)**

Source: 2401563-01

Prepared: 01/31/24 Analyzed: 02/01/24

|                        |      |    |       |      |      |      |        |  |  |  |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO)          | 416  | 50 | mg/kg | 500  | 21.0 | 78.9 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 5.30 |    | "     | 12.5 |      | 42.4 | 30-150 |  |  |  |

**Matrix Spike Dup (BHA1129-MSD1)**

Source: 2401563-01

Prepared: 01/31/24 Analyzed: 02/01/24

|                        |      |    |       |      |      |      |        |      |    |  |
|------------------------|------|----|-------|------|------|------|--------|------|----|--|
| C10-C28 (DRO)          | 395  | 50 | mg/kg | 500  | 21.0 | 74.8 | 70-130 | 5.13 | 20 |  |
| Surrogate: o-Terphenyl | 5.69 |    | "     | 12.5 |      | 45.5 | 30-150 |      |    |  |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

### PAH by EPA Method 8270D SIM - Quality Control

#### Summit Scientific

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

#### Batch BHB0018 - EPA 5030 Soil MS

##### Blank (BHB0018-BLK1)

Prepared & Analyzed: 02/01/24

|                          |    |         |       |
|--------------------------|----|---------|-------|
| Acenaphthene             | ND | 0.00500 | mg/kg |
| Anthracene               | ND | 0.00500 | "     |
| Benzo (a) anthracene     | ND | 0.00500 | "     |
| Benzo (a) pyrene         | ND | 0.00500 | "     |
| Benzo (b) fluoranthene   | ND | 0.00500 | "     |
| Benzo (k) fluoranthene   | ND | 0.00500 | "     |
| Chrysene                 | ND | 0.00500 | "     |
| Dibenz (a,h) anthracene  | ND | 0.00500 | "     |
| Fluoranthene             | ND | 0.00500 | "     |
| Fluorene                 | ND | 0.00500 | "     |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | "     |
| Pyrene                   | ND | 0.00500 | "     |
| 1-Methylnaphthalene      | ND | 0.00500 | "     |
| 2-Methylnaphthalene      | ND | 0.00500 | "     |

|                                    |        |   |        |      |        |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0311 | " | 0.0333 | 93.2 | 40-150 |
| Surrogate: Fluoranthene-d10        | 0.0342 | " | 0.0333 | 103  | 40-150 |

##### LCS (BHB0018-BS1)

Prepared & Analyzed: 02/01/24

|                          |        |         |       |        |      |        |
|--------------------------|--------|---------|-------|--------|------|--------|
| Acenaphthene             | 0.0323 | 0.00500 | mg/kg | 0.0333 | 96.9 | 31-137 |
| Anthracene               | 0.0305 | 0.00500 | "     | 0.0333 | 91.5 | 30-120 |
| Benzo (a) anthracene     | 0.0284 | 0.00500 | "     | 0.0333 | 85.3 | 30-120 |
| Benzo (a) pyrene         | 0.0327 | 0.00500 | "     | 0.0333 | 98.2 | 30-120 |
| Benzo (b) fluoranthene   | 0.0339 | 0.00500 | "     | 0.0333 | 102  | 30-120 |
| Benzo (k) fluoranthene   | 0.0370 | 0.00500 | "     | 0.0333 | 111  | 30-120 |
| Chrysene                 | 0.0322 | 0.00500 | "     | 0.0333 | 96.6 | 30-120 |
| Dibenz (a,h) anthracene  | 0.0302 | 0.00500 | "     | 0.0333 | 90.7 | 30-120 |
| Fluoranthene             | 0.0367 | 0.00500 | "     | 0.0333 | 110  | 30-120 |
| Fluorene                 | 0.0344 | 0.00500 | "     | 0.0333 | 103  | 30-120 |
| Indeno (1,2,3-cd) pyrene | 0.0223 | 0.00500 | "     | 0.0333 | 66.8 | 30-120 |
| Pyrene                   | 0.0337 | 0.00500 | "     | 0.0333 | 101  | 35-142 |
| 1-Methylnaphthalene      | 0.0348 | 0.00500 | "     | 0.0333 | 104  | 35-142 |
| 2-Methylnaphthalene      | 0.0367 | 0.00500 | "     | 0.0333 | 110  | 35-142 |

|                                    |        |   |        |      |        |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0313 | " | 0.0333 | 93.9 | 40-150 |
| Surrogate: Fluoranthene-d10        | 0.0369 | " | 0.0333 | 111  | 40-150 |

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PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

## PAH by EPA Method 8270D SIM - Quality Control

### Summit Scientific

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

#### Batch BHB0018 - EPA 5030 Soil MS

##### Matrix Spike (BHB0018-MS1)

Source: 2401517-01

Prepared & Analyzed: 02/01/24

|                                    |        |         |       |        |    |      |        |  |  |       |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|-------|
| Acenaphthene                       | 0.0177 | 0.00500 | mg/kg | 0.0333 | ND | 53.2 | 31-137 |  |  | QR-02 |
| Anthracene                         | 0.0190 | 0.00500 | "     | 0.0333 | ND | 57.1 | 30-120 |  |  |       |
| Benzo (a) anthracene               | 0.0171 | 0.00500 | "     | 0.0333 | ND | 51.4 | 30-120 |  |  |       |
| Benzo (a) pyrene                   | 0.0180 | 0.00500 | "     | 0.0333 | ND | 54.1 | 30-120 |  |  | QR-02 |
| Benzo (b) fluoranthene             | 0.0190 | 0.00500 | "     | 0.0333 | ND | 57.0 | 30-120 |  |  |       |
| Benzo (k) fluoranthene             | 0.0210 | 0.00500 | "     | 0.0333 | ND | 63.0 | 30-120 |  |  |       |
| Chrysene                           | 0.0181 | 0.00500 | "     | 0.0333 | ND | 54.4 | 30-120 |  |  |       |
| Dibenz (a,h) anthracene            | 0.0171 | 0.00500 | "     | 0.0333 | ND | 51.2 | 30-120 |  |  |       |
| Fluoranthene                       | 0.0200 | 0.00500 | "     | 0.0333 | ND | 59.9 | 30-120 |  |  | QR-02 |
| Fluorene                           | 0.0194 | 0.00500 | "     | 0.0333 | ND | 58.2 | 30-120 |  |  | QR-02 |
| Indeno (1,2,3-cd) pyrene           | 0.0176 | 0.00500 | "     | 0.0333 | ND | 52.9 | 30-120 |  |  | QR-02 |
| Pyrene                             | 0.0203 | 0.00500 | "     | 0.0333 | ND | 60.9 | 35-142 |  |  |       |
| 1-Methylnaphthalene                | 0.0195 | 0.00500 | "     | 0.0333 | ND | 58.5 | 15-130 |  |  |       |
| 2-Methylnaphthalene                | 0.0214 | 0.00500 | "     | 0.0333 | ND | 64.3 | 15-130 |  |  |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0193 |         | "     | 0.0333 |    | 57.9 | 40-150 |  |  |       |
| Surrogate: Fluoranthene-d10        | 0.0206 |         | "     | 0.0333 |    | 61.7 | 40-150 |  |  |       |

##### Matrix Spike Dup (BHB0018-MSD1)

Source: 2401517-01

Prepared & Analyzed: 02/01/24

|                                    |        |         |       |        |    |      |        |      |    |       |
|------------------------------------|--------|---------|-------|--------|----|------|--------|------|----|-------|
| Acenaphthene                       | 0.0242 | 0.00500 | mg/kg | 0.0333 | ND | 72.7 | 31-137 | 31.0 | 30 | QR-02 |
| Anthracene                         | 0.0245 | 0.00500 | "     | 0.0333 | ND | 73.4 | 30-120 | 25.1 | 30 |       |
| Benzo (a) anthracene               | 0.0220 | 0.00500 | "     | 0.0333 | ND | 66.0 | 30-120 | 24.9 | 30 |       |
| Benzo (a) pyrene                   | 0.0246 | 0.00500 | "     | 0.0333 | ND | 73.7 | 30-120 | 30.7 | 30 | QR-02 |
| Benzo (b) fluoranthene             | 0.0256 | 0.00500 | "     | 0.0333 | ND | 76.8 | 30-120 | 29.5 | 30 |       |
| Benzo (k) fluoranthene             | 0.0284 | 0.00500 | "     | 0.0333 | ND | 85.1 | 30-120 | 29.8 | 30 |       |
| Chrysene                           | 0.0241 | 0.00500 | "     | 0.0333 | ND | 72.2 | 30-120 | 28.2 | 30 |       |
| Dibenz (a,h) anthracene            | 0.0204 | 0.00500 | "     | 0.0333 | ND | 61.3 | 30-120 | 18.0 | 30 |       |
| Fluoranthene                       | 0.0291 | 0.00500 | "     | 0.0333 | ND | 87.2 | 30-120 | 37.1 | 30 | QR-02 |
| Fluorene                           | 0.0267 | 0.00500 | "     | 0.0333 | ND | 80.0 | 30-120 | 31.6 | 30 | QR-02 |
| Indeno (1,2,3-cd) pyrene           | 0.0264 | 0.00500 | "     | 0.0333 | ND | 79.1 | 30-120 | 39.7 | 30 | QR-02 |
| Pyrene                             | 0.0243 | 0.00500 | "     | 0.0333 | ND | 73.0 | 35-142 | 18.1 | 30 |       |
| 1-Methylnaphthalene                | 0.0288 | 0.00500 | "     | 0.0333 | ND | 86.5 | 15-130 | 38.7 | 50 |       |
| 2-Methylnaphthalene                | 0.0288 | 0.00500 | "     | 0.0333 | ND | 86.5 | 15-130 | 29.4 | 50 |       |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0255 |         | "     | 0.0333 |    | 76.5 | 40-150 |      |    |       |
| Surrogate: Fluoranthene-d10        | 0.0298 |         | "     | 0.0333 |    | 89.5 | 40-150 |      |    |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0022 - EPA 3050B**

**Blank (BHB0022-BLK1)**

Prepared: 02/01/24 Analyzed: 02/02/24

Boron ND 2.00 mg/L

**LCS (BHB0022-BS1)**

Prepared: 02/01/24 Analyzed: 02/02/24

Boron 4.31 2.00 mg/L 5.00 86.2 80-120

**Duplicate (BHB0022-DUP1)**

**Source: 2401562-01**

Prepared: 02/01/24 Analyzed: 02/02/24

Boron 0.649 2.00 mg/L 0.674 3.80 20

**Matrix Spike (BHB0022-MS1)**

**Source: 2401562-01**

Prepared: 02/01/24 Analyzed: 02/02/24

Boron 4.91 2.00 mg/L 5.00 0.674 84.7 75-125

**Matrix Spike Dup (BHB0022-MSD1)**

**Source: 2401562-01**

Prepared: 02/01/24 Analyzed: 02/02/24

Boron 4.48 2.00 mg/L 5.00 0.674 76.1 75-125 9.21 25

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHB0038 - EPA 3050B**

**Blank (BHB0038-BLK1)**

Prepared: 02/01/24 Analyzed: 02/03/24

|          |    |        |           |
|----------|----|--------|-----------|
| Arsenic  | ND | 0.200  | mg/kg wet |
| Barium   | ND | 0.400  | "         |
| Cadmium  | ND | 0.200  | "         |
| Copper   | ND | 0.400  | "         |
| Lead     | ND | 0.200  | "         |
| Nickel   | ND | 0.400  | "         |
| Silver   | ND | 0.0200 | "         |
| Zinc     | ND | 0.400  | "         |
| Selenium | ND | 0.260  | "         |

**LCS (BHB0038-BS1)**

Prepared: 02/01/24 Analyzed: 02/03/24

|          |      |        |           |      |      |        |
|----------|------|--------|-----------|------|------|--------|
| Arsenic  | 37.3 | 0.200  | mg/kg wet | 40.0 | 93.2 | 80-120 |
| Barium   | 32.3 | 0.400  | "         | 40.0 | 80.8 | 80-120 |
| Cadmium  | 1.73 | 0.200  | "         | 2.00 | 86.6 | 80-120 |
| Copper   | 39.8 | 0.400  | "         | 40.0 | 99.4 | 80-120 |
| Lead     | 17.2 | 0.200  | "         | 20.0 | 85.8 | 80-120 |
| Nickel   | 38.7 | 0.400  | "         | 40.0 | 96.8 | 80-120 |
| Silver   | 1.72 | 0.0200 | "         | 2.00 | 86.2 | 80-120 |
| Zinc     | 40.5 | 0.400  | "         | 40.0 | 101  | 80-120 |
| Selenium | 4.09 | 0.260  | "         | 4.00 | 102  | 80-120 |

**Duplicate (BHB0038-DUP1)**

Source: 2401492-01

Prepared: 02/01/24 Analyzed: 02/03/24

|          |        |        |           |        |       |    |
|----------|--------|--------|-----------|--------|-------|----|
| Arsenic  | 2.06   | 0.200  | mg/kg dry | 2.28   | 10.1  | 20 |
| Barium   | 58.4   | 0.400  | "         | 58.0   | 0.630 | 20 |
| Cadmium  | 0.117  | 0.200  | "         | 0.124  | 6.13  | 20 |
| Copper   | 3.58   | 0.400  | "         | 3.67   | 2.47  | 20 |
| Lead     | 4.98   | 0.200  | "         | 5.16   | 3.62  | 20 |
| Nickel   | 4.79   | 0.400  | "         | 4.76   | 0.607 | 20 |
| Silver   | 0.0308 | 0.0200 | "         | 0.0334 | 8.11  | 20 |
| Zinc     | 16.1   | 0.400  | "         | 15.7   | 2.79  | 20 |
| Selenium | ND     | 0.260  | "         | ND     |       | 20 |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHB0038 - EPA 3050B**

**Matrix Spike (BHB0038-MS1)**

Source: 2401492-01

Prepared: 02/01/24 Analyzed: 02/03/24

|          |      |        |           |      |        |      |        |  |  |       |
|----------|------|--------|-----------|------|--------|------|--------|--|--|-------|
| Arsenic  | 31.3 | 0.200  | mg/kg dry | 43.3 | 2.28   | 67.0 | 75-125 |  |  | QM-07 |
| Barium   | 85.9 | 0.400  | "         | 43.3 | 58.0   | 64.3 | 75-125 |  |  | QM-07 |
| Cadmium  | 1.87 | 0.200  | "         | 2.17 | 0.124  | 80.7 | 75-125 |  |  |       |
| Copper   | 29.7 | 0.400  | "         | 43.3 | 3.67   | 60.2 | 75-125 |  |  | QM-07 |
| Lead     | 21.5 | 0.200  | "         | 21.7 | 5.16   | 75.3 | 75-125 |  |  |       |
| Nickel   | 30.6 | 0.400  | "         | 43.3 | 4.76   | 59.6 | 75-125 |  |  | QM-07 |
| Silver   | 1.73 | 0.0200 | "         | 2.17 | 0.0334 | 78.4 | 75-125 |  |  |       |
| Zinc     | 42.6 | 0.400  | "         | 43.3 | 15.7   | 62.2 | 75-125 |  |  | QM-07 |
| Selenium | 2.48 | 0.260  | "         | 4.33 | ND     | 57.3 | 75-125 |  |  | QM-07 |

**Matrix Spike Dup (BHB0038-MSD1)**

Source: 2401492-01

Prepared: 02/01/24 Analyzed: 02/03/24

|          |      |        |           |      |        |      |        |      |    |       |
|----------|------|--------|-----------|------|--------|------|--------|------|----|-------|
| Arsenic  | 32.7 | 0.200  | mg/kg dry | 43.3 | 2.28   | 70.2 | 75-125 | 4.31 | 25 | QM-07 |
| Barium   | 88.0 | 0.400  | "         | 43.3 | 58.0   | 69.1 | 75-125 | 2.38 | 25 | QM-07 |
| Cadmium  | 1.95 | 0.200  | "         | 2.17 | 0.124  | 84.4 | 75-125 | 4.26 | 25 |       |
| Copper   | 32.1 | 0.400  | "         | 43.3 | 3.67   | 65.5 | 75-125 | 7.52 | 25 | QM-07 |
| Lead     | 22.3 | 0.200  | "         | 21.7 | 5.16   | 79.2 | 75-125 | 3.86 | 25 |       |
| Nickel   | 33.0 | 0.400  | "         | 43.3 | 4.76   | 65.3 | 75-125 | 7.71 | 25 | QM-07 |
| Silver   | 1.79 | 0.0200 | "         | 2.17 | 0.0334 | 80.9 | 75-125 | 3.13 | 25 |       |
| Zinc     | 46.3 | 0.400  | "         | 43.3 | 15.7   | 70.6 | 75-125 | 8.21 | 25 | QM-07 |
| Selenium | 2.56 | 0.260  | "         | 4.33 | ND     | 59.2 | 75-125 | 3.19 | 25 | QM-07 |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Hexavalent Chromium by EPA Method 7196 - Quality Control**  
**Summit Scientific**

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

**Batch BHB0028 - 3060A Mod**

**Blank (BHB0028-BLK1)**

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent ND 0.30 mg/kg wet

**LCS (BHB0028-BS1)**

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 23.1 0.30 mg/kg wet 25.0 92.4 80-120

**Duplicate (BHB0028-DUP1)**

**Source: 2401523-01**

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent ND 0.30 mg/kg wet ND 20

**Matrix Spike (BHB0028-MS1)**

**Source: 2401523-01**

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 22.0 0.30 mg/kg wet 25.0 ND 87.8 75-125

**Matrix Spike Dup (BHB0028-MSD1)**

**Source: 2401523-01**

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 22.0 0.30 mg/kg wet 25.0 ND 88.0 75-125 0.228 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control**

**Summit Scientific**

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

**Batch BHA1133 - General Preparation**

**Blank (BHA1133-BLK1)**

Prepared: 01/31/24 Analyzed: 02/01/24

|           |    |        |          |
|-----------|----|--------|----------|
| Calcium   | ND | 0.0500 | mg/L wet |
| Magnesium | ND | 0.0500 | "        |
| Sodium    | ND | 0.0500 | "        |

**LCS (BHA1133-BS1)**

Prepared: 01/31/24 Analyzed: 02/01/24

|           |      |        |          |      |     |        |
|-----------|------|--------|----------|------|-----|--------|
| Calcium   | 5.05 | 0.0500 | mg/L wet | 5.00 | 101 | 70-130 |
| Magnesium | 5.10 | 0.0500 | "        | 5.00 | 102 | 70-130 |
| Sodium    | 5.16 | 0.0500 | "        | 5.00 | 103 | 70-130 |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**

**Summit Scientific**

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

**Batch BHB0066 - General Preparation**

| Duplicate (BHB0066-DUP1) |      | Source: 2401564-01 |   | Prepared: 02/02/24 Analyzed: 02/05/24 |          |
|--------------------------|------|--------------------|---|---------------------------------------|----------|
| % Solids                 | 79.7 |                    | % | 80.2                                  | 0.598 20 |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0004 - General Preparation**

**Blank (BHB0004-BLK1)**

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHB0004-BS1)**

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) 0.144 0.0100 mmhos/cm 0.150 96.0 95-105

**Duplicate (BHB0004-DUP1)**

**Source: 2401560-01**

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) 0.378 0.0100 mmhos/cm 0.378 0.0529 20

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

**Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control**  
**Summit Scientific**

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

**Batch BHB0003 - General Preparation**

**LCS (BHB0003-BS1)**

Prepared & Analyzed: 02/01/24

|    |      |          |      |     |        |
|----|------|----------|------|-----|--------|
| pH | 9.26 | pH Units | 9.18 | 101 | 95-105 |
|----|------|----------|------|-----|--------|

**Duplicate (BHB0003-DUP1)**

**Source: 2401562-01**

Prepared & Analyzed: 02/01/24

|    |      |          |      |       |    |
|----|------|----------|------|-------|----|
| pH | 9.07 | pH Units | 9.06 | 0.110 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: [none]  
Project Manager: Paul Henchan

**Reported:**  
02/06/24 15:42

### Notes and Definitions

QR-02      The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-07      The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

DET        Analyte DETECTED

ND        Analyte NOT DETECTED at or above the reporting limit

NR        Not Reported

dry        Sample results reported on a dry weight basis

RPD        Relative Percent Difference

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 12, 2024

Paul Henchan  
Fremont Environmental  
PO Box 1289  
Wellington, CO 80549  
RE: Noble - Grigsby AC 19-62HN  
Work Order #2404199

Enclosed are the results of analyses for samples received by Summit Scientific on 04/11/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury  
President



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| SS39 6FT  | 2404199-01    | Soil   | 04/10/24 00:00 | 04/11/24 16:30 |
| SS40 6FT  | 2404199-02    | Soil   | 04/10/24 00:00 | 04/11/24 16:30 |
| SS41 6FT  | 2404199-03    | Soil   | 04/10/24 00:00 | 04/11/24 16:30 |
| SS42 6FT  | 2404199-04    | Soil   | 04/10/24 00:00 | 04/11/24 16:30 |
| SS43 6FT  | 2404199-05    | Soil   | 04/10/24 00:00 | 04/11/24 16:30 |
| SS44 6FT  | 2404199-06    | Soil   | 04/11/24 00:00 | 04/11/24 16:30 |
| SS45 6FT  | 2404199-07    | Soil   | 04/11/24 00:00 | 04/11/24 16:30 |
| SS46 6FT  | 2404199-08    | Soil   | 04/11/24 00:00 | 04/11/24 16:30 |
| SS47 6FT  | 2404199-09    | Soil   | 04/11/24 00:00 | 04/11/24 16:30 |
| SS48 10FT | 2404199-10    | Soil   | 04/11/24 00:00 | 04/11/24 16:30 |

Summit Scientific

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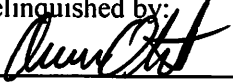
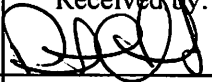
# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

|           |             |
|-----------|-------------|
| Lab ID    | Page 1 of 2 |
| 2404199.1 |             |

|                                       |                                   |                         |  |
|---------------------------------------|-----------------------------------|-------------------------|--|
| Send Data To:                         |                                   | Send Invoice To:        |  |
| Client: Fremont Environmental         | Project Manager: Paul Henehan     | Company: Noble / Chemun |  |
| Address: 8305 6th Street              | E-Mail: Fremont Distribution List | Project Name/Location:  |  |
| City/State/Zip: Wellington, CO, 80549 |                                   | AFE#:                   |  |
| Phone: 603-477-6907                   | Project Name: Grigsby AC19-62 HN  | PO/Billing Codes:       |  |
| Sampler Name: Aaron Otillar           | Project Number: C024-022          | Contact: Dan Peterson   |  |

|    |                    |      |              |              | Preservative    |     |      |      | Matrix      |       |      |                | Analysis Requested |             |              |     |             |                |                    | Special Instructions |  |
|----|--------------------|------|--------------|--------------|-----------------|-----|------|------|-------------|-------|------|----------------|--------------------|-------------|--------------|-----|-------------|----------------|--------------------|----------------------|--|
| ID | Sample Description |      | Date Sampled | Time Sampled | # of containers | HCl | HNO3 | None | Other _____ | Water | Soil | Air-Canister # | Other _____        | BTEXN - 915 | TPH (C6-C36) | PAH | TMB's - 915 | Metals (915-1) | SAR, EC, pH, Boron | TDS, Cl, SO4         |  |
| 1  | SS39               | 6FT  | 4/10/24      |              | 2               |     |      | X    |             | X     | X    |                |                    | X           | X            | X   | X           | X              | X                  |                      |  |
| 2  | SS40               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 3  | SS41               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 4  | SS42               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 5  | SS43               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 6  | SS44               | 6FT  | 4/11/24      |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 7  | SS45               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 8  | SS46               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 9  | SS47               | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 10 | SS48               | 10FT |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 11 | BKG01              | 3FT  | 4/10/24      |              | 1               |     |      |      |             |       |      |                |                    |             |              |     |             | X              | X                  |                      |  |
| 12 | BKG01              | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 13 | BKG02              | 3FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 14 | BKG02              | 6FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |
| 15 | BKG03              | 3FT  |              |              |                 |     |      |      |             |       |      |                |                    |             |              |     |             |                |                    |                      |  |

|  |                           |  |                         |                   |             |        |
|--|---------------------------|--|-------------------------|-------------------|-------------|--------|
| Relinquished by:  | Date/Time: 4/11/24 1620   | Received by: Summit North Office   | Date/Time: 4/11/24 1620 | TAT Business Days | Field DO    | Notes: |
|  |                           |  |                         | Same Day          | Field EC    |        |
|  |                           |  |                         | 1 Day             | Field ORP   |        |
|  |                           |  |                         | 2 Days            | Field pH    |        |
|  |                           |  |                         | 3 Days            | Field Temp. |        |
| Relinquished by: 52  | Date/Time: 4/12/24 1630   | Received by:  | Date/Time: 4/12/24 1630 | Standard          | Field Turb. |        |
| Relinquished by:   | Date/Time:                | Received by:   | Date/Time:              |                   |             |        |
| Temperature Upon Receipt: 11.7   | Corrected Temperature: 12 | IR gun #:  |                         | HNO3 lot #:       |             |        |



# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

|                  |                           |
|------------------|---------------------------|
| Lab ID           | Page <u>2</u> of <u>2</u> |
| <u>2404199.2</u> |                           |

|                                       |  |   |  |                                 |  |
|---------------------------------------|--|---|--|---------------------------------|--|
| Client: Fremont Environmental         |  | Send Data To:                           |  | Send Invoice To:                |  |
| Address: 8305 6th Street              |  | Project Manager: Paul Henehan           |  | Company: <u>Noble / Chevron</u> |  |
| City/State/Zip: Wellington, CO, 80549 |  | E-Mail: Fremont Distribution List       |  | Project Name/Location:          |  |
| Phone: 603-477-6907                   |  | Project Name: <u>Grigsby AC19-62 HN</u> |  | AFE#:                           |  |
| Sampler Name: Aaron Otilar            |  | Project Number: <u>CO24-022</u>         |  | PO/Billing Codes:               |  |
|                                       |  |   |  | Contact: <u>Don Peterson</u>    |  |

|    |                    |              |              |                 | Preservative |      |      |             | Matrix |      |                |             | Analysis Requested |              |     |             |                |                    | Special Instructions |  |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------------|--------|------|----------------|-------------|--------------------|--------------|-----|-------------|----------------|--------------------|----------------------|--|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl          | HNO3 | None | Other _____ | Water  | Soil | Air-Canister # | Other _____ | BTEXN - 915        | TPH (C6-C36) | PAH | TMB's - 915 | Metals (915-1) | SAR, EC, pH, Boron | TDS, Cl, SO4         |  |
| 1  | BKG03 6Ft          | 4/10/24      |              | 1               |              |      | X    |             |        | X    |                |             |                    |              |     |             | X              | X                  |                      |  |
| 2  | BKG04 3Ft          | —            |              | —               |              |      | —    |             |        | —    |                |             |                    |              |     |             | —              | —                  |                      |  |
| 3  | BKG04 6Ft          | —            |              | —               |              |      | —    |             |        | —    |                |             |                    |              |     |             | —              | —                  |                      |  |
| 4  | BKG05 3Ft          | —            |              | —               |              |      | —    |             |        | —    |                |             |                    |              |     |             | —              | —                  |                      |  |
| 5  | BKG05 6Ft          | —            |              | —               |              |      | —    |             |        | —    |                |             |                    |              |     |             | —              | —                  |                      |  |
| 6  |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 7  |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 8  |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 9  |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 10 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 11 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 12 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 13 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 14 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |
| 15 |                    |              |              |                 |              |      |      |             |        |      |                |             |                    |              |     |             |                |                    |                      |  |

|                                       |                                |   |                                |  |             |                     |
|---------------------------------------|--------------------------------|---|--------------------------------|--|-------------|---------------------|
| Relinquished by: <u>Aaron Otilar</u>  | Date/Time: <u>4/11/24 1620</u> | Received by: <u>Summit North Office</u> | Date/Time: <u>4/11/24 1620</u> | TAT Business Days                            | Field DO    | Notes:              |
|                                       |                                |   |                                | Same Day <input checked="" type="checkbox"/> | Field EC    |                     |
| Relinquished by: <u>52</u>            | Date/Time: <u>4/11/24 1030</u> | Received by: <u>[Signature]</u>         | Date/Time: <u>4/11/24 1030</u> | 1 Day  | Field ORP   |                     |
|                                       |                                |   |                                | 2 Days                                       | Field pH    |                     |
| Relinquished by:                      | Date/Time:                     | Received by:                            | Date/Time:                     | 3 Days                                       | Field Temp. |                     |
|                                       |                                |   |                                | Standard                                     | Field Turb. |                     |
| Temperature Upon Receipt: <u>11.7</u> |                                | Corrected Temperature <u>9</u>          |                                | IR gun #: <u>/</u>                           |             | HNO3 lot #: <u></u> |

S<sub>2</sub>

2/2  
Sample Receipt Checklist

S2 Work Order# 2404199

Client: Fremont Client Project ID: Grigsby Ac 19-02HNShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #:                     

|                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply) Air ☐ Soil ☒ Solid ☐ Water ☐ Other ☐Temp (°C) 11.7 Thermometer # 1

|   | Yes                                 | No                                  | N/A                                 | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? <sup>(1)</sup><br>NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                   |
| If custody seals are present, are they intact? <sup>(1)</sup>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | on 70E            |
| Are samples due within 48 hours present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | Sameday           |
| Are water samples with short hold times present?<br>Note the short hold analysis in the comments column<br>- pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                   |
| Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | no sample times   |
| Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>  | <input checked="" type="checkbox"/> | <input 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"/>            |                   |
| 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"/>            |                   |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| If dissolved metals are requested, were samples field filtered?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                   |
| Additional Comments (if any):   |                                     |                                     |                                     |                   |
|   |                                     |                                     |                                     |                   |

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

AS  
Custodian Printed Name

4/11/24  
Date/Time



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS39 6FT**  
**2404199-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/10/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0406 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0398 | 99.4 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0385 | 96.2 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/10/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 10.4   | 83.1 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS40 6FT**  
**2404199-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/10/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0434 | 108 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0399 | 99.8 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0392 | 98.0 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/10/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 12.3   | 98.6 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS41 6FT**  
**2404199-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/10/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0419 | 105 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0406 | 102 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0388 | 96.9 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/10/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 12.8   | 102 %     | 30-150 |          | "     | "        | "        | "      |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS42 6FT**  
**2404199-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/10/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0404 | 101 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0398 | 99.4 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0388 | 96.9 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/10/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 11.3   | 90.4 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS43 6FT**  
**2404199-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/10/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0414 | 104 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0413 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0391 | 97.6 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/10/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/10/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 7.21   | 57.7 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS44 6FT**  
**2404199-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/11/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0434 | 109 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0410 | 103 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0387 | 96.7 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/11/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 10.1   | 81.0 %    | 30-150 |          | "     | "        | "        | "      |       |

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS45 6FT**  
**2404199-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/11/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0404 | 101 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0401 | 100 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0392 | 98.0 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/11/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 12.2   | 97.3 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS46 6FT**  
**2404199-08 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/11/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0402 | 100 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0395 | 98.8 %    | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0391 | 97.6 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/11/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/11/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 10.9   | 86.8 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS47 6FT**  
**2404199-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/11/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/11/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0458 | 115 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0401 | 100 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0384 | 96.1 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/11/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/12/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 11.1   | 88.8 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**SS48 10FT**  
**2404199-10 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/11/24 00:00**

| Analyte                     | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|                             |        | Limit     |       |          |         |          |          |           |       |
| Benzene                     | ND     | 0.0020    | mg/kg | 1        | BHD0380 | 04/11/24 | 04/12/24 | EPA 8260B |       |
| Toluene                     | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Ethylbenzene                | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Xylenes (total)             | ND     | 0.010     | "     | "        | "       | "        | "        | "         |       |
| 1,2,4-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| 1,3,5-Trimethylbenzene      | ND     | 0.0050    | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 0.0038    | "     | "        | "       | "        | "        | "         |       |
| Gasoline Range Hydrocarbons | ND     | 0.50      | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                          | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                                  |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0447 | 112 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: Toluene-d8            | 0.0403 | 101 %     | 50-150 |          | "     | "        | "        | "      |       |
| Surrogate: 4-Bromofluorobenzene  | 0.0399 | 99.8 %    | 50-150 |          | "     | "        | "        | "      |       |

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/11/24 00:00**

| Analyte       | Result | Reporting | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
|               |        | Limit     |       |          |         |          |          |           |       |
| C10-C28 (DRO) | ND     | 50        | mg/kg | 1        | BHD0381 | "        | 04/12/24 | EPA 8015M |       |
| C28-C36 (ORO) | ND     | 50        | "     | "        | "       | "        | "        | "         |       |

Date Sampled: **04/11/24 00:00**

| Analyte                | Result | Reporting | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
|                        |        | Limit     |        |          |       |          |          |        |       |
| Surrogate: o-Terphenyl | 11.3   | 90.2 %    | 30-150 |          | "     | "        | "        | "      |       |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHD0380 - EPA 5030 Soil MS

##### Blank (BHD0380-BLK1)

Prepared: 04/11/24 Analyzed: 04/12/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | ND     | 0.0020 | mg/kg |        |  |      |        |  |  |  |
| Toluene                          | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                     | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Xylenes (total)                  | ND     | 0.010  | "     |        |  |      |        |  |  |  |
| 1,2,4-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| 1,3,5-Trimethylbenzene           | ND     | 0.0050 | "     |        |  |      |        |  |  |  |
| Naphthalene                      | ND     | 0.0038 | "     |        |  |      |        |  |  |  |
| Gasoline Range Hydrocarbons      | ND     | 0.50   | "     |        |  |      |        |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0406 |        | "     | 0.0400 |  | 101  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0400 |        | "     | 0.0400 |  | 100  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0388 |        | "     | 0.0400 |  | 97.0 | 50-150 |  |  |  |

##### LCS (BHD0380-BS1)

Prepared: 04/11/24 Analyzed: 04/12/24

|                                  |        |        |       |        |  |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene                          | 0.109  | 0.0020 | mg/kg | 0.100  |  | 109  | 70-130 |  |  |  |
| Toluene                          | 0.103  | 0.0050 | "     | 0.100  |  | 103  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.115  | 0.0050 | "     | 0.100  |  | 115  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.225  | 0.010  | "     | 0.200  |  | 113  | 70-130 |  |  |  |
| o-Xylene                         | 0.107  | 0.0050 | "     | 0.100  |  | 107  | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0997 | 0.0050 | "     | 0.100  |  | 99.7 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.102  | 0.0050 | "     | 0.100  |  | 102  | 70-130 |  |  |  |
| Naphthalene                      | 0.0918 | 0.0038 | "     | 0.100  |  | 91.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0413 |        | "     | 0.0400 |  | 103  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0404 |        | "     | 0.0400 |  | 101  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0371 |        | "     | 0.0400 |  | 92.8 | 50-150 |  |  |  |

##### Matrix Spike (BHD0380-MS1)

Source: 2404199-01

Prepared: 04/11/24 Analyzed: 04/12/24

|                                  |        |        |       |        |    |      |        |  |  |  |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene                          | 0.0881 | 0.0020 | mg/kg | 0.100  | ND | 88.1 | 70-130 |  |  |  |
| Toluene                          | 0.0840 | 0.0050 | "     | 0.100  | ND | 84.0 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0916 | 0.0050 | "     | 0.100  | ND | 91.6 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.181  | 0.010  | "     | 0.200  | ND | 90.4 | 70-130 |  |  |  |
| o-Xylene                         | 0.0844 | 0.0050 | "     | 0.100  | ND | 84.4 | 70-130 |  |  |  |
| 1,2,4-Trimethylbenzene           | 0.0809 | 0.0050 | "     | 0.100  | ND | 80.9 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.0829 | 0.0050 | "     | 0.100  | ND | 82.9 | 70-130 |  |  |  |
| Naphthalene                      | 0.0794 | 0.0038 | "     | 0.100  | ND | 79.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0441 |        | "     | 0.0400 |    | 110  | 50-150 |  |  |  |
| Surrogate: Toluene-d8            | 0.0405 |        | "     | 0.0400 |    | 101  | 50-150 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0398 |        | "     | 0.0400 |    | 99.6 | 50-150 |  |  |  |

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHD0380 - EPA 5030 Soil MS**

| Matrix Spike Dup (BHD0380-MSD1)  |        | Source: 2404199-01 |       |        | Prepared: 04/11/24 Analyzed: 04/12/24 |      |        |      |    |       |
|----------------------------------|--------|--------------------|-------|--------|---------------------------------------|------|--------|------|----|-------|
| Benzene                          | 0.0782 | 0.0020             | mg/kg | 0.100  | ND                                    | 78.2 | 70-130 | 11.8 | 30 |       |
| Toluene                          | 0.0742 | 0.0050             | "     | 0.100  | ND                                    | 74.2 | 70-130 | 12.4 | 30 |       |
| Ethylbenzene                     | 0.0811 | 0.0050             | "     | 0.100  | ND                                    | 81.1 | 70-130 | 12.2 | 30 |       |
| m,p-Xylene                       | 0.160  | 0.010              | "     | 0.200  | ND                                    | 80.0 | 70-130 | 12.2 | 30 |       |
| o-Xylene                         | 0.0758 | 0.0050             | "     | 0.100  | ND                                    | 75.8 | 70-130 | 10.8 | 30 |       |
| 1,2,4-Trimethylbenzene           | 0.0697 | 0.0050             | "     | 0.100  | ND                                    | 69.7 | 70-130 | 14.9 | 30 | QM-07 |
| 1,3,5-Trimethylbenzene           | 0.0717 | 0.0050             | "     | 0.100  | ND                                    | 71.7 | 70-130 | 14.5 | 30 |       |
| Naphthalene                      | 0.0677 | 0.0038             | "     | 0.100  | ND                                    | 67.7 | 70-130 | 15.9 | 30 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 |        | 0.0453             | "     | 0.0400 |                                       | 113  | 50-150 |      |    |       |
| Surrogate: Toluene-d8            |        | 0.0404             | "     | 0.0400 |                                       | 101  | 50-150 |      |    |       |
| Surrogate: 4-Bromofluorobenzene  |        | 0.0395             | "     | 0.0400 |                                       | 98.8 | 50-150 |      |    |       |

Summit Scientific

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Wellington CO, 80549

Project: Noble - Grigsby AC 19-62HN  
Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHD0381 - EPA 3550A**

**Blank (BHD0381-BLK1)**

Prepared: 04/11/24 Analyzed: 04/12/24

|                        |      |    |       |      |  |     |        |  |  |  |
|------------------------|------|----|-------|------|--|-----|--------|--|--|--|
| C10-C28 (DRO)          | ND   | 50 | mg/kg |      |  |     |        |  |  |  |
| C28-C36 (ORO)          | ND   | 50 | "     |      |  |     |        |  |  |  |
| Surrogate: o-Terphenyl | 18.0 |    | "     | 12.5 |  | 144 | 30-150 |  |  |  |

**LCS (BHD0381-BS1)**

Prepared: 04/11/24 Analyzed: 04/12/24

|                        |      |    |       |      |  |      |        |  |  |  |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO)          | 453  | 50 | mg/kg | 500  |  | 90.5 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 14.2 |    | "     | 12.5 |  | 113  | 30-150 |  |  |  |

**Matrix Spike (BHD0381-MS1)**

Source: 2404199-01

Prepared: 04/11/24 Analyzed: 04/12/24

|                        |      |    |       |      |      |     |        |  |  |  |
|------------------------|------|----|-------|------|------|-----|--------|--|--|--|
| C10-C28 (DRO)          | 625  | 50 | mg/kg | 500  | 22.2 | 121 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 13.5 |    | "     | 12.5 |      | 108 | 30-150 |  |  |  |

**Matrix Spike Dup (BHD0381-MSD1)**

Source: 2404199-01

Prepared: 04/11/24 Analyzed: 04/12/24

|                        |      |    |       |      |      |      |        |      |    |  |
|------------------------|------|----|-------|------|------|------|--------|------|----|--|
| C10-C28 (DRO)          | 538  | 50 | mg/kg | 500  | 22.2 | 103  | 70-130 | 15.0 | 20 |  |
| Surrogate: o-Terphenyl | 11.2 |    | "     | 12.5 |      | 89.2 | 30-150 |      |    |  |

Summit Scientific

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Project: Noble - Grigsby AC 19-62HN

Project Number: CO24-022  
Project Manager: Paul Henchan

**Reported:**  
04/12/24 06:52

### Notes and Definitions

|       |   |
|-------|---|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery. |
| DET   | Analyte DETECTED  |
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| NR    | Not Reported  |
| dry   | Sample results reported on a dry weight basis   |
| RPD   | Relative Percent Difference   |