

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 31, 2022

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549
RE: Noble - Millage C12-18
Work Order #2210358

Enclosed are the results of analyses for samples received by Summit Scientific on 10/20/22 16:36. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mikayla Axtell For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|----------------|----------------|
| WAST01@6.0" | 2210358-01 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| EAST01@6.0" | 2210358-02 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| NSEP01@5.0' | 2210358-03 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| SSEP01@3.0' | 2210358-04 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| NDL01@5.0' | 2210358-05 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| PWVB01@6.0' | 2210358-06 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| PWVB02@6.0' | 2210358-07 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| PWVN01@5.0' | 2210358-08 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| PWVN02@5.0' | 2210358-09 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |
| BKG01@6.0" | 2210358-10 | Soil | 10/20/22 00:00 | 10/20/22 16:36 |

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2210358

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: Fremont Env

Project Manager: Paul Henehan

Address:

E-Mail: Paulh@fremontenv.com Ethenb@fremontenv.com

City/State/Zip:

Jeffg@fremontenv.com

Phone:

Project Name: Millage C12-18

Sampler Name: JG

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 | BTEX+N | TMBS(915) | GR0-DRO, BRO | PAHs (915) | EC1PFI, SAR Gordon | Metals (915) | | |
| 1 | WAST01@6.0' | 10/20/22 | | 2 | | | X | | | X | | | | X | X | X | X | X | | |
| 2 | EAST01@6.0' | | | | | | | | | | | | | | | | | | | |
| 3 | NSEP01@5.0' | | | | | | | | | | | | | | | | | | | |
| 4 | SSEP01@3.0' | | | | | | | | | | | | | | | | | | | |
| 5 | NDL01@5.0' | | | | | | | | | | | | | | | | | | | |
| 6 | PWVBO1@6.0' | | | | | | | | | | | | | | | | | | | |
| 7 | PWVBO2@6.0' | | | | | | | | | | | | | | | | | | | |
| 8 | PWVNO1@5.0' | | | | | | | | | | | | | | | | | | | |
| 9 | PWVNO2@5.0' | | | 2 | | | | | | | | | | X | X | X | X | X | | |
| 10 | BK601@6.0' | | | 1 | | | | | | | | | | | | | | X | X | |

| | | | |
|---|---|---|--------------------------------|
| Relinquished by: <u>[Signature]</u> Date/Time: <u>10/20/22 1636</u> | Received by: <u>[Signature]</u> Date/Time: <u>10.20.22 1636</u> | Turn Around Time (Check) Same Day <u> </u> 72 hours 24 hours <u> </u> Standard <u>X</u> 48 hours <u> </u> | Notes: <u>Bill to Noble</u> |
| Relinquished by: <u> </u> Date/Time: <u> </u> | Received by: <u> </u> Date/Time: <u> </u> | Sample Integrity: Samples Intact: <u>Yes</u> No | |
| Temperature Upon Receipt: <u>20.2</u> | Corrected Temperature <u> </u> | HNO3 lot # <u> </u> | |
| IR gun correction: <u> </u> | IR gun #: <u> </u> | | |

S₂

2210358

Sample Receipt Checklist

S2 Work Order#

Client: Fremont Client Project ID: Millage 12-18

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

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

Temp (°C) 20.2 Thermometer # 2

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|--------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? ⁽¹⁾ 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? ⁽¹⁾ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <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)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ 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):

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

AT
Custodian Printed Name

10.20.22
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

WAST01@6.0"
2210358-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 0.0020 | | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 123 % | | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 109 % | | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 108 % | | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| C10-C28 (DRO) | ND | 50 | | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: o-Terphenyl | | 92.8 % | | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

WAST01@6.0"
2210358-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/27/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 53.1 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 67.4 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.289 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

WAST01@6.0"
2210358-01 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 62.8 | 0.0625 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 10.3 | 0.0625 | " | " | " | " | " | " | |
| Sodium | 112 | 0.0625 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.45 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 79.9 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.528 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.57 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

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Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

EAST01@6.0"
2210358-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 134 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 109 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 108 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 74.3 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

EAST01@6.0"
2210358-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/27/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 61.8 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 78.5 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.250 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

EAST01@6.0"
2210358-02 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 36.3 | 0.0659 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 13.5 | 0.0659 | " | " | " | " | " | " | |
| Sodium | 82.1 | 0.0659 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.95 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 75.9 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.508 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.27 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NSEP01@5.0'
2210358-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 122 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 110 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 109 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 91.5 % | 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NSEP01@5.0'
2210358-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 66.7 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 88.3 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.0572 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NSEP01@5.0'
2210358-03 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 43.3 | 0.0564 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 12.7 | 0.0564 | " | " | " | " | " | " | |
| Sodium | 25.3 | 0.0564 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.869 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.7 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.410 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.19 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

SSEP01@3.0'
2210358-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 131 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 108 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 108 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 89.7 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

SSEP01@3.0'
2210358-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 62.1 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 74.1 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.129 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

SSEP01@3.0'
2210358-04 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 29.2 | 0.0646 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 7.48 | 0.0646 | " | " | " | " | " | " | |
| Sodium | 85.5 | 0.0646 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 3.65 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 77.3 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.424 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.47 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NDL01@5.0'
2210358-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 130 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 117 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 88.5 % | 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NDL01@5.0'
2210358-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 42.9 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 56.6 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.104 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

NDL01@5.0'
2210358-05 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 36.7 | 0.0624 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 16.3 | 0.0624 | " | " | " | " | " | " | |
| Sodium | 181 | 0.0624 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 6.25 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 80.2 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.961 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.35 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB01@6.0'
2210358-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 131 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 107 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 86.6 % | 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB01@6.0'
2210358-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 45.3 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 63.0 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.145 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB01@6.0'
2210358-06 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 56.6 | 0.0619 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 9.48 | 0.0619 | " | " | " | " | " | " | |
| Sodium | 20.2 | 0.0619 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.654 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 80.7 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.303 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.23 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB02@6.0'
2210358-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 123 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 108 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 108 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 83.1 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB02@6.0'
2210358-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 57.3 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 79.3 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.0761 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVB02@6.0'
2210358-07 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 61.1 | 0.0614 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 6.51 | 0.0614 | " | " | " | " | " | " | |
| Sodium | 39.8 | 0.0614 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 1.29 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 81.4 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.330 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.31 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVN01@5.0'
2210358-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 129 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 109 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 109 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

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

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVN01@5.0'
2210358-08 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 65.9 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 94.0 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.160 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

PWVN01@5.0'
2210358-08 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 50.6 | 0.0595 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 10.2 | 0.0595 | " | " | " | " | " | " | |
| Sodium | 88.1 | 0.0595 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.95 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 84.0 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.490 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.25 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVN02@5.0'
2210358-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BFJ0645 | 10/24/22 | 10/25/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 131 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 108 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 107 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BFJ0647 | 10/24/22 | 10/25/22 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 85.3 % | 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 - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PWVN02@5.0'
2210358-09 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BFJ0702 | 10/26/22 | 10/28/22 | 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: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 57.6 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 76.2 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.324 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

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

Date Sampled: **10/20/22 00:00**

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

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 - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

PWVN02@5.0'
2210358-09 (Soil)

Summit Scientific

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 62.5 | 0.0623 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 8.41 | 0.0623 | " | " | " | " | " | " | |
| Sodium | 90.6 | 0.0623 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 2.85 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 80.2 | | % | 1 | BFJ0762 | 10/27/22 | 10/27/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.503 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.40 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

BKG01@6.0"
2210358-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Boron | 0.522 | 0.0100 | mg/L | 1 | BFJ0566 | 10/21/22 | 10/21/22 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | 1.18 | 0.247 | mg/kg dry | 1 | BFJ0570 | 10/21/22 | 10/22/22 | EPA 6020B | |
| Barium | 111 | 0.493 | " | " | " | " | " | " | |
| Cadmium | 0.346 | 0.247 | " | " | " | " | " | " | |
| Copper | 10.0 | 0.493 | " | " | " | " | " | " | |
| Lead | 10.5 | 0.247 | " | " | " | " | " | " | |
| Nickel | 7.41 | 0.493 | " | " | " | " | " | " | |
| Selenium | ND | 0.320 | " | " | " | " | " | " | |
| Silver | 0.797 | 0.0247 | " | " | " | " | " | " | |
| Zinc | 39.4 | 0.493 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|-----------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BFJ0632 | 10/23/22 | 10/24/22 | EPA 7196A | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------|------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Calcium | 645 | 0.0616 | mg/L dry | 1 | BFJ0732 | 10/26/22 | 10/28/22 | EPA 6020B | |
| Magnesium | 217 | 0.0616 | " | " | " | " | " | " | |
| Sodium | 787 | 0.0616 | " | " | " | " | " | " | |

Calculated Analysis

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

BKG01@6.0"
2210358-10 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 6.84 | 0.00100 | units | 1 | BFJ0808 | 10/28/22 | 10/28/22 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 81.1 | | % | 1 | BFJ0544 | 10/21/22 | 10/21/22 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 6.06 | 0.0100 | mmhos/cm | 1 | BFJ0778 | 10/27/22 | 10/27/22 | EPA 120.1 | |

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

Date Sampled: **10/20/22 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.88 | | pH Units | 1 | BFJ0777 | 10/27/22 | 10/27/22 | EPA 9045D | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BFJ0645 - EPA 5030 Soil MS

Blank (BFJ0645-BLK1)

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|-----|--------|--|--|--|
| 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 | 0.0500 | | " | 0.0400 | | 125 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0474 | | " | 0.0400 | | 118 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0421 | | " | 0.0400 | | 105 | 50-150 | | | |

LCS (BFJ0645-BS1)

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.0797 | 0.0020 | mg/kg | 0.100 | | 79.7 | 70-130 | | | |
| Toluene | 0.0767 | 0.0050 | " | 0.100 | | 76.7 | 70-130 | | | |
| Ethylbenzene | 0.0759 | 0.0050 | " | 0.100 | | 75.9 | 70-130 | | | |
| m,p-Xylene | 0.150 | 0.010 | " | 0.200 | | 74.8 | 70-130 | | | |
| o-Xylene | 0.0780 | 0.0050 | " | 0.100 | | 78.0 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.0858 | 0.0050 | " | 0.100 | | 85.8 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0847 | 0.0050 | " | 0.100 | | 84.7 | 70-130 | | | |
| Naphthalene | 0.120 | 0.0038 | " | 0.100 | | 120 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0449 | | " | 0.0400 | | 112 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0482 | | " | 0.0400 | | 120 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0421 | | " | 0.0400 | | 105 | 50-150 | | | |

Matrix Spike (BFJ0645-MS1)

Source: 2210358-01

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|-------|
| Benzene | 0.0792 | 0.0020 | mg/kg | 0.100 | ND | 79.2 | 70-130 | | | |
| Toluene | 0.0767 | 0.0050 | " | 0.100 | ND | 76.7 | 70-130 | | | |
| Ethylbenzene | 0.0720 | 0.0050 | " | 0.100 | ND | 72.0 | 70-130 | | | |
| m,p-Xylene | 0.141 | 0.010 | " | 0.200 | ND | 70.7 | 70-130 | | | |
| o-Xylene | 0.0753 | 0.0050 | " | 0.100 | ND | 75.3 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.0832 | 0.0050 | " | 0.100 | ND | 83.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0806 | 0.0050 | " | 0.100 | ND | 80.6 | 70-130 | | | |
| Naphthalene | 0.135 | 0.0038 | " | 0.100 | ND | 135 | 70-130 | | | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0500 | | " | 0.0400 | | 125 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0489 | | " | 0.0400 | | 122 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0424 | | " | 0.0400 | | 106 | 50-150 | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

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

Batch BFJ0645 - EPA 5030 Soil MS

| Matrix Spike Dup (BFJ0645-MSD1) | Source: 2210358-01 | | | Prepared: 10/24/22 Analyzed: 10/25/22 | | | | | | |
|--|---------------------------|--------|-------|---------------------------------------|----|------|--------|------|----|-------|
| Benzene | 0.0802 | 0.0020 | mg/kg | 0.100 | ND | 80.2 | 70-130 | 1.32 | 30 | |
| Toluene | 0.0780 | 0.0050 | " | 0.100 | ND | 78.0 | 70-130 | 1.75 | 30 | |
| Ethylbenzene | 0.0733 | 0.0050 | " | 0.100 | ND | 73.3 | 70-130 | 1.78 | 30 | |
| m,p-Xylene | 0.145 | 0.010 | " | 0.200 | ND | 72.3 | 70-130 | 2.26 | 30 | |
| o-Xylene | 0.0766 | 0.0050 | " | 0.100 | ND | 76.6 | 70-130 | 1.74 | 30 | |
| 1,2,4-Trimethylbenzene | 0.0858 | 0.0050 | " | 0.100 | ND | 85.8 | 70-130 | 2.98 | 30 | |
| 1,3,5-Trimethylbenzene | 0.0833 | 0.0050 | " | 0.100 | ND | 83.3 | 70-130 | 3.29 | 30 | |
| Naphthalene | 0.152 | 0.0038 | " | 0.100 | ND | 152 | 70-130 | 11.5 | 30 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0520 | | " | 0.0400 | | 130 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0482 | | " | 0.0400 | | 120 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0421 | | " | 0.0400 | | 105 | 50-150 | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BFJ0647 - EPA 3550A

Blank (BFJ0647-BLK1)

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | | |
| C28-C36 (ORO) | ND | 50 | " | | | | | | | | |
| Surrogate: <i>o</i> -Terphenyl | 11.4 | | " | 12.5 | | 91.4 | 30-150 | | | | |

LCS (BFJ0647-BS1)

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|--|
| C10-C28 (DRO) | 460 | 50 | mg/kg | 500 | | 92.0 | 70-130 | | | | |
| Surrogate: <i>o</i> -Terphenyl | 11.0 | | " | 12.5 | | 87.8 | 30-150 | | | | |

Matrix Spike (BFJ0647-MS1)

Source: 2210358-01

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|----|------|--------|--|--|--|--|
| C10-C28 (DRO) | 428 | 50 | mg/kg | 500 | ND | 85.5 | 70-130 | | | | |
| Surrogate: <i>o</i> -Terphenyl | 9.63 | | " | 12.5 | | 77.1 | 30-150 | | | | |

Matrix Spike Dup (BFJ0647-MSD1)

Source: 2210358-01

Prepared: 10/24/22 Analyzed: 10/25/22

| | | | | | | | | | | | |
|--------------------------------|------|----|-------|------|----|------|--------|------|----|--|--|
| C10-C28 (DRO) | 458 | 50 | mg/kg | 500 | ND | 91.6 | 70-130 | 6.83 | 20 | | |
| Surrogate: <i>o</i> -Terphenyl | 11.3 | | " | 12.5 | | 90.1 | 30-150 | | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFJ0702 - EPA 5030 Soil MS

Blank (BFJ0702-BLK1)

Prepared: 10/26/22 Analyzed: 10/27/22

| | | | | | | | | | | |
|---|---------------|---------|-------|---------------|--|-------------|---------------|--|--|--|
| 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 | " | | | | | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0204</i> | | " | <i>0.0333</i> | | <i>61.1</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0247</i> | | " | <i>0.0333</i> | | <i>74.2</i> | <i>40-150</i> | | | |

LCS (BFJ0702-BS1)

Prepared: 10/26/22 Analyzed: 10/27/22

| | | | | | | | | | | |
|---|---------------|---------|-------|---------------|--|-------------|---------------|--|--|--|
| Acenaphthene | 0.0310 | 0.00500 | mg/kg | 0.0333 | | 93.0 | 31-137 | | | |
| Anthracene | 0.0284 | 0.00500 | " | 0.0333 | | 85.1 | 30-120 | | | |
| Benzo (a) anthracene | 0.0207 | 0.00500 | " | 0.0333 | | 62.1 | 30-120 | | | |
| Benzo (a) pyrene | 0.0187 | 0.00500 | " | 0.0333 | | 56.1 | 30-120 | | | |
| Benzo (b) fluoranthene | 0.0167 | 0.00500 | " | 0.0333 | | 50.0 | 30-120 | | | |
| Benzo (k) fluoranthene | 0.0174 | 0.00500 | " | 0.0333 | | 52.2 | 30-120 | | | |
| Chrysene | 0.0343 | 0.00500 | " | 0.0333 | | 103 | 30-120 | | | |
| Dibenz (a,h) anthracene | 0.0136 | 0.00500 | " | 0.0333 | | 40.9 | 30-120 | | | |
| Fluoranthene | 0.0354 | 0.00500 | " | 0.0333 | | 106 | 30-120 | | | |
| Fluorene | 0.0249 | 0.00500 | " | 0.0333 | | 74.8 | 30-120 | | | |
| Indeno (1,2,3-cd) pyrene | 0.0142 | 0.00500 | " | 0.0333 | | 42.6 | 30-120 | | | |
| Pyrene | 0.0371 | 0.00500 | " | 0.0333 | | 111 | 35-142 | | | |
| 1-Methylnaphthalene | 0.0391 | 0.00500 | " | 0.0333 | | 117 | 35-142 | | | |
| 2-Methylnaphthalene | 0.0259 | 0.00500 | " | 0.0333 | | 77.6 | 35-142 | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0220</i> | | " | <i>0.0333</i> | | <i>66.1</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0223</i> | | " | <i>0.0333</i> | | <i>67.0</i> | <i>40-150</i> | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BFJ0702 - EPA 5030 Soil MS

| Matrix Spike (BFJ0702-MS1) | Source: 2210358-01 | | | Prepared: 10/26/22 Analyzed: 10/27/22 | | | | | | |
|---|---------------------------|---------|----------|--|----|-------------|---------------|--|--|--|
| Acenaphthene | 0.0188 | 0.00500 | mg/kg | 0.0333 | ND | 56.4 | 31-137 | | | |
| Anthracene | 0.0179 | 0.00500 | " | 0.0333 | ND | 53.8 | 30-120 | | | |
| Benzo (a) anthracene | 0.0208 | 0.00500 | " | 0.0333 | ND | 62.3 | 30-120 | | | |
| Benzo (a) pyrene | 0.0140 | 0.00500 | " | 0.0333 | ND | 42.1 | 30-120 | | | |
| Benzo (b) fluoranthene | 0.0139 | 0.00500 | " | 0.0333 | ND | 41.8 | 30-120 | | | |
| Benzo (k) fluoranthene | 0.0149 | 0.00500 | " | 0.0333 | ND | 44.8 | 30-120 | | | |
| Chrysene | 0.0182 | 0.00500 | " | 0.0333 | ND | 54.5 | 30-120 | | | |
| Dibenz (a,h) anthracene | 0.0141 | 0.00500 | " | 0.0333 | ND | 42.2 | 30-120 | | | |
| Fluoranthene | 0.0268 | 0.00500 | " | 0.0333 | ND | 80.4 | 30-120 | | | |
| Fluorene | 0.0140 | 0.00500 | " | 0.0333 | ND | 42.0 | 30-120 | | | |
| Indeno (1,2,3-cd) pyrene | 0.0139 | 0.00500 | " | 0.0333 | ND | 41.7 | 30-120 | | | |
| Pyrene | 0.0196 | 0.00500 | " | 0.0333 | ND | 58.8 | 35-142 | | | |
| 1-Methylnaphthalene | 0.0140 | 0.00500 | " | 0.0333 | ND | 41.9 | 15-130 | | | |
| 2-Methylnaphthalene | 0.0138 | 0.00500 | " | 0.0333 | ND | 41.3 | 15-130 | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0259</i> | | <i>"</i> | <i>0.0333</i> | | <i>77.8</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0287</i> | | <i>"</i> | <i>0.0333</i> | | <i>86.1</i> | <i>40-150</i> | | | |

| Matrix Spike Dup (BFJ0702-MSD1) | Source: 2210358-01 | | | Prepared: 10/26/22 Analyzed: 10/27/22 | | | | | | |
|---|---------------------------|---------|----------|--|----|-------------|---------------|------|----|--|
| Acenaphthene | 0.0219 | 0.00500 | mg/kg | 0.0333 | ND | 65.6 | 31-137 | 15.0 | 30 | |
| Anthracene | 0.0206 | 0.00500 | " | 0.0333 | ND | 61.9 | 30-120 | 13.9 | 30 | |
| Benzo (a) anthracene | 0.0253 | 0.00500 | " | 0.0333 | ND | 75.9 | 30-120 | 19.6 | 30 | |
| Benzo (a) pyrene | 0.0145 | 0.00500 | " | 0.0333 | ND | 43.4 | 30-120 | 3.06 | 30 | |
| Benzo (b) fluoranthene | 0.0143 | 0.00500 | " | 0.0333 | ND | 42.8 | 30-120 | 2.28 | 30 | |
| Benzo (k) fluoranthene | 0.0135 | 0.00500 | " | 0.0333 | ND | 40.6 | 30-120 | 9.77 | 30 | |
| Chrysene | 0.0215 | 0.00500 | " | 0.0333 | ND | 64.6 | 30-120 | 17.0 | 30 | |
| Dibenz (a,h) anthracene | 0.0148 | 0.00500 | " | 0.0333 | ND | 44.3 | 30-120 | 4.87 | 30 | |
| Fluoranthene | 0.0238 | 0.00500 | " | 0.0333 | ND | 71.4 | 30-120 | 11.7 | 30 | |
| Fluorene | 0.0153 | 0.00500 | " | 0.0333 | ND | 45.9 | 30-120 | 8.94 | 30 | |
| Indeno (1,2,3-cd) pyrene | 0.0144 | 0.00500 | " | 0.0333 | ND | 43.3 | 30-120 | 3.83 | 30 | |
| Pyrene | 0.0186 | 0.00500 | " | 0.0333 | ND | 55.7 | 35-142 | 5.55 | 30 | |
| 1-Methylnaphthalene | 0.0231 | 0.00500 | " | 0.0333 | ND | 69.2 | 15-130 | 49.1 | 50 | |
| 2-Methylnaphthalene | 0.0174 | 0.00500 | " | 0.0333 | ND | 52.1 | 15-130 | 23.2 | 50 | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0335</i> | | <i>"</i> | <i>0.0333</i> | | <i>101</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0261</i> | | <i>"</i> | <i>0.0333</i> | | <i>78.4</i> | <i>40-150</i> | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

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

Batch BFJ0566 - EPA 3050B

Blank (BFJ0566-BLK1)

Prepared & Analyzed: 10/21/22

Boron ND 0.0100 mg/L

LCS (BFJ0566-BS1)

Prepared & Analyzed: 10/21/22

Boron 4.63 0.0100 mg/L 5.00 92.6 80-120

Duplicate (BFJ0566-DUP1)

Source: 2210148-01

Prepared & Analyzed: 10/21/22

Boron 0.772 0.0100 mg/L 0.712 8.04 20

Matrix Spike (BFJ0566-MS1)

Source: 2210148-01

Prepared & Analyzed: 10/21/22

Boron 5.01 0.0100 mg/L 5.00 0.712 86.0 75-125

Matrix Spike Dup (BFJ0566-MSD1)

Source: 2210148-01

Prepared & Analyzed: 10/21/22

Boron 5.46 0.0100 mg/L 5.00 0.712 95.0 75-125 8.68 25

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BFJ0570 - EPA 3050B

Blank (BFJ0570-BLK1)

Prepared: 10/21/22 Analyzed: 10/22/22

| | | | | | | | | | |
|----------|----|--------|-----------|--|--|--|--|--|--|
| 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 | " | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | |
| Silver | ND | 0.0200 | " | | | | | | |
| Zinc | ND | 0.400 | " | | | | | | |

LCS (BFJ0570-BS1)

Prepared: 10/21/22 Analyzed: 10/22/22

| | | | | | | |
|----------|------|--------|-----------|------|------|--------|
| Arsenic | 38.3 | 0.200 | mg/kg wet | 40.0 | 95.8 | 80-120 |
| Barium | 33.7 | 0.400 | " | 40.0 | 84.3 | 80-120 |
| Cadmium | 1.74 | 0.200 | " | 2.00 | 86.9 | 80-120 |
| Copper | 41.8 | 0.400 | " | 40.0 | 104 | 80-120 |
| Lead | 16.2 | 0.200 | " | 20.0 | 81.1 | 80-120 |
| Nickel | 39.9 | 0.400 | " | 40.0 | 99.9 | 80-120 |
| Selenium | 3.81 | 0.260 | " | 4.00 | 95.3 | 80-120 |
| Silver | 2.40 | 0.0200 | " | 2.00 | 120 | 80-120 |
| Zinc | 40.6 | 0.400 | " | 40.0 | 101 | 80-120 |

Duplicate (BFJ0570-DUP1)

Source: 2210337-41

Prepared: 10/21/22 Analyzed: 10/22/22

| | | | | | | |
|----------|-------|--------|-----------|-------|-------|----|
| Arsenic | 2.59 | 0.257 | mg/kg dry | 2.57 | 0.836 | 20 |
| Barium | 30.3 | 0.514 | " | 26.7 | 12.6 | 20 |
| Cadmium | 0.497 | 0.257 | " | 0.406 | 20.0 | 20 |
| Copper | 12.4 | 0.514 | " | 12.0 | 3.79 | 20 |
| Lead | 28.5 | 0.257 | " | 24.9 | 13.5 | 20 |
| Nickel | 10.1 | 0.514 | " | 9.67 | 3.89 | 20 |
| Selenium | 0.448 | 0.334 | " | 0.474 | 5.57 | 20 |
| Silver | 1.01 | 0.0257 | " | 0.875 | 14.5 | 20 |
| Zinc | 35.1 | 0.514 | " | 33.8 | 3.75 | 20 |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BFJ0570 - EPA 3050B

Matrix Spike (BFJ0570-MS1)

Source: 2210337-41

Prepared: 10/21/22 Analyzed: 10/22/22

| | | | | | | | | | | | |
|----------|------|--------|-----------|------|-------|------|--------|--|--|--|-------|
| Arsenic | 13.4 | 0.257 | mg/kg dry | 51.4 | 2.57 | 21.0 | 75-125 | | | | QM-05 |
| Barium | 68.5 | 0.514 | " | 51.4 | 26.7 | 81.5 | 75-125 | | | | |
| Cadmium | 2.58 | 0.257 | " | 2.57 | 0.406 | 84.7 | 75-125 | | | | |
| Copper | 37.8 | 0.514 | " | 51.4 | 12.0 | 50.3 | 75-125 | | | | QM-05 |
| Lead | 47.9 | 0.257 | " | 25.7 | 24.9 | 89.6 | 75-125 | | | | |
| Nickel | 34.3 | 0.514 | " | 51.4 | 9.67 | 48.0 | 75-125 | | | | QM-05 |
| Selenium | 5.30 | 0.334 | " | 5.14 | 0.474 | 94.0 | 75-125 | | | | |
| Silver | 3.06 | 0.0257 | " | 2.57 | 0.875 | 85.2 | 75-125 | | | | |
| Zinc | 72.4 | 0.514 | " | 51.4 | 33.8 | 75.2 | 75-125 | | | | |

Matrix Spike Dup (BFJ0570-MSD1)

Source: 2210337-41

Prepared: 10/21/22 Analyzed: 10/22/22

| | | | | | | | | | | | |
|----------|------|--------|-----------|------|-------|------|--------|-------|----|--|-------|
| Arsenic | 13.8 | 0.257 | mg/kg dry | 51.4 | 2.57 | 21.8 | 75-125 | 2.96 | 25 | | QM-05 |
| Barium | 69.6 | 0.514 | " | 51.4 | 26.7 | 83.5 | 75-125 | 1.50 | 25 | | |
| Cadmium | 2.65 | 0.257 | " | 2.57 | 0.406 | 87.3 | 75-125 | 2.61 | 25 | | |
| Copper | 46.3 | 0.514 | " | 51.4 | 12.0 | 66.8 | 75-125 | 20.2 | 25 | | QM-05 |
| Lead | 44.3 | 0.257 | " | 25.7 | 24.9 | 75.5 | 75-125 | 7.84 | 25 | | |
| Nickel | 37.0 | 0.514 | " | 51.4 | 9.67 | 53.3 | 75-125 | 7.62 | 25 | | QM-05 |
| Selenium | 5.45 | 0.334 | " | 5.14 | 0.474 | 96.9 | 75-125 | 2.77 | 25 | | |
| Silver | 3.07 | 0.0257 | " | 2.57 | 0.875 | 85.4 | 75-125 | 0.218 | 25 | | |
| Zinc | 72.3 | 0.514 | " | 51.4 | 33.8 | 75.0 | 75-125 | 0.136 | 25 | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BFJ0632 - 3060A Mod

Blank (BFJ0632-BLK1)

Prepared: 10/23/22 Analyzed: 10/24/22

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BFJ0632-BS1)

Prepared: 10/23/22 Analyzed: 10/24/22

Chromium, Hexavalent 24.2 0.30 mg/kg wet 25.0 97.0 80-120

Duplicate (BFJ0632-DUP1)

Source: 2210320-01

Prepared: 10/23/22 Analyzed: 10/24/22

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BFJ0632-MS1)

Source: 2210320-01

Prepared: 10/23/22 Analyzed: 10/24/22

Chromium, Hexavalent 29.5 0.30 mg/kg dry 26.9 ND 110 75-125

Matrix Spike Dup (BFJ0632-MSD1)

Source: 2210320-01

Prepared: 10/23/22 Analyzed: 10/24/22

Chromium, Hexavalent 28.1 0.30 mg/kg dry 26.9 ND 104 75-125 5.05 20

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

Summit Scientific

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

Batch BFJ0732 - General Preparation

Blank (BFJ0732-BLK1)

Prepared: 10/26/22 Analyzed: 10/28/22

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

LCS (BFJ0732-BS1)

Prepared: 10/26/22 Analyzed: 10/28/22

| | | | | | | | | | | |
|-----------|------|--------|----------|------|--|-----|--------|--|--|--|
| Calcium | 5.90 | 0.0500 | mg/L wet | 5.00 | | 118 | 70-130 | | | |
| Magnesium | 5.90 | 0.0500 | " | 5.00 | | 118 | 70-130 | | | |
| Sodium | 5.54 | 0.0500 | " | 5.00 | | 111 | 70-130 | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

Summit Scientific

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

Batch BFJ0544 - General Preparation

| | | | | | | | | | | |
|---------------------------------|------|---------------------------|---|--|--|--|--|-------|----|--|
| Duplicate (BFJ0544-DUP1) | | Source: 2210320-01 | | | Prepared & Analyzed: 10/21/22 | | | | | |
| % Solids | 93.0 | | % | | 92.8 | | | 0.191 | 20 | |

Batch BFJ0762 - General Preparation

| | | | | | | | | | | |
|---------------------------------|------|---------------------------|---|--|--|--|--|------|----|--|
| Duplicate (BFJ0762-DUP1) | | Source: 2210286-10 | | | Prepared & Analyzed: 10/27/22 | | | | | |
| % Solids | 90.2 | | % | | 92.8 | | | 2.94 | 20 | |

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 - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

Summit Scientific

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

Batch BFJ0778 - General Preparation

Blank (BFJ0778-BLK1)

Prepared & Analyzed: 10/27/22

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BFJ0778-BS1)

Prepared & Analyzed: 10/27/22

Specific Conductance (EC) 0.156 0.0100 mmhos/cm 0.150 104 95-105

Duplicate (BFJ0778-DUP1)

Source: 2210358-01

Prepared & Analyzed: 10/27/22

Specific Conductance (EC) 0.536 0.0100 mmhos/cm 0.528 1.67 20

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 - Millage C12-18

Project Number: [none]
 Project Manager: Paul Henchan

Reported:
 10/31/22 11:04

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

Summit Scientific

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

Batch BFJ0777 - General Preparation

LCS (BFJ0777-BS1)

Prepared & Analyzed: 10/27/22

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.04 | pH Units | 9.18 | 98.5 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BFJ0777-DUP1)

Source: 2210358-01

Prepared & Analyzed: 10/27/22

| | | | | | |
|----|------|----------|------|-------|----|
| pH | 8.53 | pH Units | 8.57 | 0.468 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Millage C12-18

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/31/22 11:04

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.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
- 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