

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

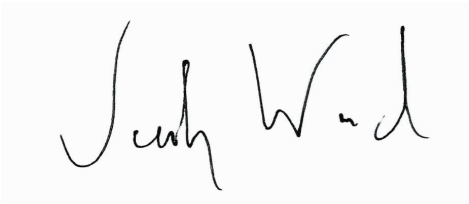
303.277.9310

September 26, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549
RE: Noble - CDOT F 1-10 (FL)
Work Order #2409294

Enclosed are the results of analyses for samples received by Summit Scientific on 09/19/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and "W".

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010

Project Manager: Paul Henchan

Reported:
09/26/24 13:53

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| N Wall 3FT | 2409294-01 | Soil | 09/19/24 00:00 | 09/19/24 16:30 |
| S Wall 3FT | 2409294-02 | Soil | 09/19/24 00:00 | 09/19/24 16:30 |
| E Wall 3FT | 2409294-03 | Soil | 09/19/24 00:00 | 09/19/24 16:30 |
| W Wall 3FT | 2409294-04 | Soil | 09/19/24 00:00 | 09/19/24 16:30 |
| Floor 4FT | 2409294-05 | Soil | 09/19/24 00:00 | 09/19/24 16:30 |

Summit Scientific

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SUMMIT SCIENTIFIC

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

Lab ID Page 1 of 1
2409294

| | | | | | |
|--|--|---|--|---|--|
| Client: Fremont Environmental, Inc. | | Send Data To: | | Send Invoice To: | |
| Address: 8305 6th St. | | Project Manager: Henehan | | Company: <u>Chevron</u> | |
| City/State/Zip: Wellington, CO, 80549 | | E-Mail: <u>Chevron Dist. List, P99-Dist. List, Shilco Dist. List, Fremont Dist. List</u> | | Project Name/Location: | |
| Phone: 603-477-6907 | | <u>raporte@fremontenv.com ethanb@fremontenv.com psuh@fremontenv.com</u> | | AFE#: | |
| Sampler Name: Ethan Black | | Project Name: <u>Noble - CDOT F-10 (PL)</u> | | PO/Billing Codes: <u>UWRWE-A3472-ABN</u> | |
| | | Project Number: <u>CO24-010</u> | | Contact: <u>Don Peterson</u> | |

| 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 | PAH | PH/Reson | TDS, Chloride, Sulfate | | |
| 1 | N Wall 3FT | 9/19/24 | | 2 | | | X | | | | | | X | X | X | X | | |
| 2 | S Wall 3FT | | | | | | | | | | | | | | | | | |
| 3 | E Wall 3FT | | | | | | | | | | | | | | | | | |
| 4 | W Wall 3FT | | | | | | | | | | | | | | | | | |
| 5 | FLOOR 4FT | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--|-------------------------------------|--|------------------------------|-------------------|--|----------|---|
| Relinquished by: <u>Ethan Black</u> | Date/Time: <u>9/19/24</u> | Received by: <u>S2 - North Office</u> | Date/Time: <u>9/19/24</u> | TAT Business Days | | Field DO | Notes: Please dist. report to parties circled above only. |
| | | | | Same Day | | Field EC | |
| 1 Day | | Field ORP | | | | | |
| 2 Days | | Field pH | | | | | |
| 3 Days | | Field Temp. | | | | | |
| Standard | <input checked="" type="checkbox"/> | Field Turb. | | | | | |
| Temperature Upon Receipt: <u>10.2</u> | Corrected Temperature: <u>8</u> | IR gun #: | HNO3 lot #: | | | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2409894

Client: Fremont

Client Project ID: Noble-COOT F 1-10 (FL)

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

Airbill #: _____

Matrix (Check all that apply)

Air

Soil/Solid

Water

Other

Temp (°C)

Thermometer #

| | 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | no sample times |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽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.

AS

Custodian Printed Name

9/19/20
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

N Wall 3FT
2409294-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 0.0020 | | mg/kg | 1 | BHI0777 | 09/23/24 | 09/23/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | | " | " | " | " | " | " | |

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0492 | 123 % | | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0397 | 99.3 % | | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0398 | 99.5 % | | 21-167 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------|--|-------|----------|---------|----------|----------|---------------|-------|
| | | Limit | | | | | | | | |
| Acenaphthene | ND | 0.00500 | | mg/kg | 1 | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | | " | " | " | " | " | " | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)
 Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

**N Wall 3FT
 2409294-01 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|---------------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0153 | 46.0 % | 40-150 | | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Surrogate: Fluoranthene-d10 | 0.0163 | 49.0 % | 40-150 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/19/24 00:00**

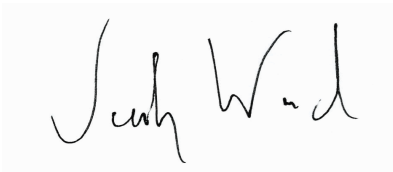
| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 79.3 | | % | 1 | BHI0741 | 09/23/24 | 09/23/24 | Calculation | |

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

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.86 | | pH Units | 1 | BHI0923 | 09/26/24 | 09/26/24 | EPA 9045D | |

Summit Scientific



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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

S Wall 3FT
2409294-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BHI0777 | 09/23/24 | 09/23/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0492 | 123 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0392 | 98.0 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0364 | 91.1 % | 21-167 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
| | | Limit | Units | | | | | | |
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

S Wall 3FT
2409294-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|---------------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0163 | 48.8 % | 40-150 | | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Surrogate: Fluoranthene-d10 | 0.0161 | 48.4 % | 40-150 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 78.5 | | % | 1 | BHI0741 | 09/23/24 | 09/23/24 | Calculation | |

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

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.01 | | pH Units | 1 | BHI0923 | 09/26/24 | 09/26/24 | EPA 9045D | |

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Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

E Wall 3FT
2409294-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BHI0777 | 09/23/24 | 09/23/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0478 | 120 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0394 | 98.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0386 | 96.4 % | 21-167 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|---------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | 0.0174 | 0.00500 | mg/kg | 1 | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Anthracene | 0.0183 | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | 0.0630 | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | 0.0367 | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | 0.0571 | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | 0.0219 | 0.00500 | " | " | " | " | " | " | |
| Chrysene | 0.0571 | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | 0.00756 | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | 0.136 | 0.00500 | " | " | " | " | " | " | |
| Fluorene | 0.0184 | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | 0.0367 | 0.00500 | " | " | " | " | " | " | |
| Pyrene | 0.103 | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | 0.00501 | 0.00500 | " | " | " | " | " | " | |

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Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

**E Wall 3FT
2409294-03 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|---------------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0183 | 54.8 % | 40-150 | | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Surrogate: Fluoranthene-d10 | 0.0203 | 61.0 % | 40-150 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 80.6 | | % | 1 | BHI0741 | 09/23/24 | 09/23/24 | Calculation | |

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

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.00 | | pH Units | 1 | BHI0923 | 09/26/24 | 09/26/24 | EPA 9045D | |

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Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

W Wall 3FT
2409294-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BHI0777 | 09/23/24 | 09/23/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0476 | 119 % | 23-173 | " | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0391 | 97.7 % | 20-170 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0390 | 97.6 % | 21-167 | " | " | " | " | " | |

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
| | | Limit | Units | | | | | | |
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

**W Wall 3FT
 2409294-04 (Soil)**

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|---------------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0203 | 60.8 % | 40-150 | | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Surrogate: Fluoranthene-d10 | 0.0239 | 71.6 % | 40-150 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/19/24 00:00**

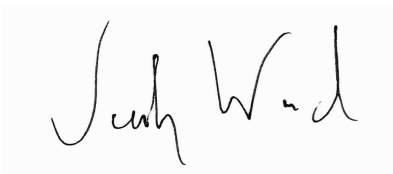
| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 72.2 | | % | 1 | BHI0741 | 09/23/24 | 09/23/24 | Calculation | |

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

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.79 | | pH Units | 1 | BHI0923 | 09/26/24 | 09/26/24 | EPA 9045D | |

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

Floor 4FT
2409294-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BHI0777 | 09/23/24 | 09/24/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0409 | 102 % | 23-173 | " | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0395 | 98.7 % | 20-170 | " | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0384 | 96.1 % | 21-167 | " | " | " | " | " | |

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------|-------|----------|---------|----------|----------|---------------|-------|
| | | Limit | Units | | | | | | |
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)
 Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

Floor 4FT
2409294-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|---------------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0171 | 51.4 % | 40-150 | | BHI0734 | 09/23/24 | 09/23/24 | EPA 8270D SIM | |
| Surrogate: Fluoranthene-d10 | 0.0207 | 62.2 % | 40-150 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/19/24 00:00**

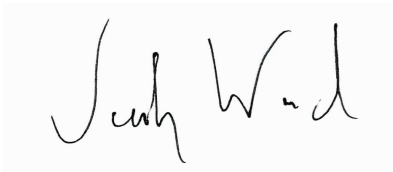
| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 96.4 | | % | 1 | BHI0741 | 09/23/24 | 09/23/24 | Calculation | |

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

Date Sampled: **09/19/24 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.89 | | pH Units | 1 | BHI0923 | 09/26/24 | 09/26/24 | EPA 9045D | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

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 BHI0777 - EPA 5030 Soil MS

Blank (BHI0777-BLK1)

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0399 | | " | 0.0400 | | 99.8 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0393 | | " | 0.0400 | | 98.2 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0376 | | " | 0.0400 | | 93.9 | 21-167 | | | |

LCS (BHI0777-BS1)

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.119 | 0.0020 | mg/kg | 0.100 | | 119 | 70-130 | | | |
| Toluene | 0.123 | 0.0050 | " | 0.100 | | 123 | 70-130 | | | |
| Ethylbenzene | 0.117 | 0.0050 | " | 0.100 | | 117 | 70-130 | | | |
| m,p-Xylene | 0.231 | 0.010 | " | 0.200 | | 116 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0474 | | " | 0.0400 | | 119 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0403 | | " | 0.0400 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0380 | | " | 0.0400 | | 95.0 | 21-167 | | | |

Matrix Spike (BHI0777-MS1)

Source: 2409294-01

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene | 0.103 | 0.0020 | mg/kg | 0.100 | ND | 103 | 70-130 | | | |
| Toluene | 0.101 | 0.0050 | " | 0.100 | ND | 101 | 70-130 | | | |
| Ethylbenzene | 0.0994 | 0.0050 | " | 0.100 | ND | 99.4 | 70-130 | | | |
| m,p-Xylene | 0.194 | 0.010 | " | 0.200 | ND | 97.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0452 | | " | 0.0400 | | 113 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0402 | | " | 0.0400 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | | " | 0.0400 | | 97.9 | 21-167 | | | |

Matrix Spike Dup (BHI0777-MSD1)

Source: 2409294-01

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|-------|----|--|
| Benzene | 0.103 | 0.0020 | mg/kg | 0.100 | ND | 103 | 70-130 | 0.757 | 30 | |
| Toluene | 0.100 | 0.0050 | " | 0.100 | ND | 100 | 70-130 | 1.22 | 30 | |
| Ethylbenzene | 0.0949 | 0.0050 | " | 0.100 | ND | 94.9 | 70-130 | 4.66 | 30 | |
| m,p-Xylene | 0.185 | 0.010 | " | 0.200 | ND | 92.6 | 70-130 | 4.90 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0483 | | " | 0.0400 | | 121 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0394 | | " | 0.0400 | | 98.5 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0395 | | " | 0.0400 | | 98.8 | 21-167 | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)
Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

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 BHI0734 - EPA 5030 Soil MS

Blank (BHI0734-BLK1)

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|---|---------------|---------|----------|---------------|--|-------------|---------------|--|--|--|
| Acenaphthene | ND | 0.00500 | mg/kg | | | | | | | |
| Anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) pyrene | ND | 0.00500 | " | | | | | | | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Chrysene | ND | 0.00500 | " | | | | | | | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | | | | | | | |
| Fluoranthene | ND | 0.00500 | " | | | | | | | |
| Fluorene | ND | 0.00500 | " | | | | | | | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | | | | | | | |
| Pyrene | ND | 0.00500 | " | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| 2-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0234</i> | | <i>"</i> | <i>0.0333</i> | | <i>70.2</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0248</i> | | <i>"</i> | <i>0.0333</i> | | <i>74.3</i> | <i>40-150</i> | | | |

LCS (BHI0734-BS1)

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | |
|---|---------------|---------|----------|---------------|--|-------------|---------------|--|--|--|
| Acenaphthene | 0.0235 | 0.00500 | mg/kg | 0.0333 | | 70.5 | 31-137 | | | |
| Anthracene | 0.0247 | 0.00500 | " | 0.0333 | | 74.0 | 30-120 | | | |
| Benzo (a) anthracene | 0.0246 | 0.00500 | " | 0.0333 | | 73.9 | 30-120 | | | |
| Benzo (a) pyrene | 0.0235 | 0.00500 | " | 0.0333 | | 70.6 | 30-120 | | | |
| Benzo (b) fluoranthene | 0.0212 | 0.00500 | " | 0.0333 | | 63.6 | 30-120 | | | |
| Benzo (k) fluoranthene | 0.0215 | 0.00500 | " | 0.0333 | | 64.5 | 30-120 | | | |
| Chrysene | 0.0253 | 0.00500 | " | 0.0333 | | 75.8 | 30-120 | | | |
| Dibenz (a,h) anthracene | 0.0291 | 0.00500 | " | 0.0333 | | 87.3 | 30-120 | | | |
| Fluoranthene | 0.0233 | 0.00500 | " | 0.0333 | | 69.8 | 30-120 | | | |
| Fluorene | 0.0239 | 0.00500 | " | 0.0333 | | 71.7 | 30-120 | | | |
| Indeno (1,2,3-cd) pyrene | 0.0284 | 0.00500 | " | 0.0333 | | 85.2 | 30-120 | | | |
| Pyrene | 0.0332 | 0.00500 | " | 0.0333 | | 99.6 | 35-142 | | | |
| 1-Methylnaphthalene | 0.0224 | 0.00500 | " | 0.0333 | | 67.1 | 35-142 | | | |
| 2-Methylnaphthalene | 0.0201 | 0.00500 | " | 0.0333 | | 60.2 | 35-142 | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0216</i> | | <i>"</i> | <i>0.0333</i> | | <i>64.8</i> | <i>40-150</i> | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0249</i> | | <i>"</i> | <i>0.0333</i> | | <i>74.8</i> | <i>40-150</i> | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
Project Manager: Paul Henchan

Reported:
09/26/24 13:53

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 BHI0734 - EPA 5030 Soil MS

| Matrix Spike (BHI0734-MS1) | | Source: 2409294-01 | | | Prepared & Analyzed: 09/23/24 | | | | | | |
|---|---------------|---------------------------|----------|---------------|--|-------------|---------------|--|--|--|--|
| Acenaphthene | 0.0146 | 0.00500 | mg/kg | 0.0333 | ND | 43.7 | 31-137 | | | | |
| Anthracene | 0.0192 | 0.00500 | " | 0.0333 | ND | 57.6 | 30-120 | | | | |
| Benzo (a) anthracene | 0.0137 | 0.00500 | " | 0.0333 | ND | 41.1 | 30-120 | | | | |
| Benzo (a) pyrene | 0.0161 | 0.00500 | " | 0.0333 | ND | 48.4 | 30-120 | | | | |
| Benzo (b) fluoranthene | 0.0157 | 0.00500 | " | 0.0333 | ND | 47.1 | 30-120 | | | | |
| Benzo (k) fluoranthene | 0.0148 | 0.00500 | " | 0.0333 | ND | 44.5 | 30-120 | | | | |
| Chrysene | 0.0140 | 0.00500 | " | 0.0333 | ND | 41.9 | 30-120 | | | | |
| Dibenz (a,h) anthracene | 0.0168 | 0.00500 | " | 0.0333 | ND | 50.4 | 30-120 | | | | |
| Fluoranthene | 0.0200 | 0.00500 | " | 0.0333 | ND | 60.1 | 30-120 | | | | |
| Fluorene | 0.0140 | 0.00500 | " | 0.0333 | ND | 42.1 | 30-120 | | | | |
| Indeno (1,2,3-cd) pyrene | 0.0206 | 0.00500 | " | 0.0333 | ND | 61.9 | 30-120 | | | | |
| Pyrene | 0.0153 | 0.00500 | " | 0.0333 | ND | 45.8 | 35-142 | | | | |
| 1-Methylnaphthalene | 0.0149 | 0.00500 | " | 0.0333 | ND | 44.6 | 15-130 | | | | |
| 2-Methylnaphthalene | 0.0138 | 0.00500 | " | 0.0333 | ND | 41.4 | 15-130 | | | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0149</i> | | <i>"</i> | <i>0.0333</i> | | <i>44.8</i> | <i>40-150</i> | | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0189</i> | | <i>"</i> | <i>0.0333</i> | | <i>56.7</i> | <i>40-150</i> | | | | |

| Matrix Spike Dup (BHI0734-MSD1) | | Source: 2409294-01 | | | Prepared & Analyzed: 09/23/24 | | | | | | |
|---|---------------|---------------------------|----------|---------------|--|-------------|---------------|------|----|--|-------|
| Acenaphthene | 0.0167 | 0.00500 | mg/kg | 0.0333 | ND | 50.1 | 31-137 | 13.6 | 30 | | |
| Anthracene | 0.0140 | 0.00500 | " | 0.0333 | ND | 41.9 | 30-120 | 31.6 | 30 | | QR-02 |
| Benzo (a) anthracene | 0.0147 | 0.00500 | " | 0.0333 | ND | 44.0 | 30-120 | 6.78 | 30 | | |
| Benzo (a) pyrene | 0.0143 | 0.00500 | " | 0.0333 | ND | 43.0 | 30-120 | 11.9 | 30 | | |
| Benzo (b) fluoranthene | 0.0159 | 0.00500 | " | 0.0333 | ND | 47.8 | 30-120 | 1.59 | 30 | | |
| Benzo (k) fluoranthene | 0.0157 | 0.00500 | " | 0.0333 | ND | 47.1 | 30-120 | 5.78 | 30 | | |
| Chrysene | 0.0150 | 0.00500 | " | 0.0333 | ND | 45.0 | 30-120 | 7.13 | 30 | | |
| Dibenz (a,h) anthracene | 0.0141 | 0.00500 | " | 0.0333 | ND | 42.4 | 30-120 | 17.2 | 30 | | |
| Fluoranthene | 0.0152 | 0.00500 | " | 0.0333 | ND | 45.7 | 30-120 | 27.1 | 30 | | |
| Fluorene | 0.0160 | 0.00500 | " | 0.0333 | ND | 48.0 | 30-120 | 13.0 | 30 | | |
| Indeno (1,2,3-cd) pyrene | 0.0162 | 0.00500 | " | 0.0333 | ND | 48.6 | 30-120 | 24.1 | 30 | | |
| Pyrene | 0.0147 | 0.00500 | " | 0.0333 | ND | 44.1 | 35-142 | 3.90 | 30 | | |
| 1-Methylnaphthalene | 0.0154 | 0.00500 | " | 0.0333 | ND | 46.2 | 15-130 | 3.47 | 50 | | |
| 2-Methylnaphthalene | 0.0149 | 0.00500 | " | 0.0333 | ND | 44.8 | 15-130 | 8.02 | 50 | | |
| <i>Surrogate: 2-Methylnaphthalene-d10</i> | <i>0.0155</i> | | <i>"</i> | <i>0.0333</i> | | <i>46.4</i> | <i>40-150</i> | | | | |
| <i>Surrogate: Fluoranthene-d10</i> | <i>0.0145</i> | | <i>"</i> | <i>0.0333</i> | | <i>43.4</i> | <i>40-150</i> | | | | |

Summit Scientific

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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

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

Summit Scientific

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

Batch BHI0741 - General Preparation


Duplicate (BHI0741-DUP1)

Source: 2409294-01

Prepared & Analyzed: 09/23/24

| | | | | | | | | | | | |
|----------|------|--|---|--|------|--|--|------|--|----|--|
| % Solids | 80.3 | | % | | 79.3 | | | 1.15 | | 20 | |
|----------|------|--|---|--|------|--|--|------|--|----|--|

Summit Scientific



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Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Noble - CDOT F 1-10 (FL)

Project Number: UWRWE-A3472-ABN CO24-010
 Project Manager: Paul Henchan

Reported:
 09/26/24 13:53

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

Summit Scientific

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

Batch BHI0923 - General Preparation

LCS (BHI0923-BS1)

Prepared & Analyzed: 09/26/24

| | | | | | | | | | |
|----|------|--|----------|------|--|-----|--------|--|--|
| pH | 9.19 | | pH Units | 9.18 | | 100 | 95-105 | | |
|----|------|--|----------|------|--|-----|--------|--|--|

Duplicate (BHI0923-DUP1)

Source: 2409215-04RE1

Prepared & Analyzed: 09/26/24

| | | | | | | | | | |
|----|------|--|----------|------|--|-------|----|--|--|
| pH | 8.59 | | pH Units | 8.56 | | 0.350 | 20 | | |
|----|------|--|----------|------|--|-------|----|--|--|

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Reported:
09/26/24 13:53

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- 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