



LEGEND

| | | | | |
|--------------------------------------|---------------------------|--|--|--|
| ● | WATER SAMPLE LOCATION | | | |
| ⊗ | SOIL SAMPLE LOCATION | | | |
| ○ | ABOVE GROUND STORAGE TANK | | | |
| □ | FORMER FACILITY | | | |
| — | FENCE LINE | | | |
| | CONTAINMENT BERM | | | |
| — | CONTAINMENT WALL | | | |
| B | BENZENE (ug/L) | | | |
| T | TOLUENE (ug/L) | | | |
| E | ETHYLBENZENE (ug/L) | | | |
| X | TOTAL XYLENES (ug/L) | | | |
| NA | NOT ANALYZED | | | |

Figure 1
SITE PLAN

OBLE ENERGY, INC. ~ BOHLENDER 29-2
Facility ID ~ 323446
NWNE, Sec 29, T4N, R65W ~ 40.29045° -104.68518°
Weld County, Colorado

| | | | |
|--------------------------------|-------------------|--------------------------|--|
| API No. 05-123-13035 | Prepared by PH | Drawn by TA | |
| Date 7/13/20 | Reviewed by PH | Filename V463A | |

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

July 08, 2020

Paul Henchan

Fremont Environmental

PO Box 1289

Wellington, CO 80549

RE: Noble - Bohlender 29-2

Work Order #2007001

Enclosed are the results of analyses for samples received by Summit Scientific on 06/30/20 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| N WALL 3FT | 2007001-01 | Soil | 06/30/20 00:00 | 06/30/20 17:30 |
| W1 | 2007001-02 | Water | 06/30/20 00:00 | 06/30/20 17:30 |

Summit Scientific

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Summit Scientific

S₂

~~2004~~
2004001

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: Fremont Environmental

Project Manager: Paul Henehan

Address: P.O Box 1289

E-Mail: paulh@fremontenv.com, ethanb@fremontenv.com

City/State/Zip: Wellington, CO 80549

Bill to: Howard

Phone: 303-956-8714

Project Name: NOBLE - BOHLENDER 29-2

Sampler Name: HENEHAN

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 | Naphthalene | GRO | DRO | SAR | EC | pH | | |
| 1 | N WALL 3 FT | 6/30/20 | | 1 | | | ✓ | | | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 2 | WL | " | | 2 | | | ✓ | | ✓ | | | | | ✓ | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | |
| 4 | S WALL 3 FT | " | | 1 | | | ✓ | | | ✓ | | | | | | | | | | | HOLD |
| 5 | E WALL 3 FT | " | | 1 | | | ✓ | | | ✓ | | | | | | | | | | | HOLD |
| 6 | W WALL 3 FT | " | | 1 | | | ✓ | | | ✓ | | | | | | | | | | | HOLD |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|--------------------------------|---------------------------------|---------------------------------|------------------------------------|---|--|--|
| Relinquished by: <u>PAH/FR</u> | Date/Time: <u>6/30/20 17:30</u> | Received by: <u>[Signature]</u> | Date/Time: <u>06/30/2020 17:30</u> | Turn Around Time (Check) | Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> | Notes: <u>HOLD PENDING GW ANALYSIS</u> |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Sample Integrity: | | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Temperature Upon Receipt: <u>3.3</u> Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No | | |

Sample Receipt Checklist

S2 Work Order 200 7001

Client: FREMONT ENVIRONMENTAL

Client Project ID: NOBLE - BOHLENDER 29 - 2

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

☐ ☒ ☐ ☐ ☐

Matrix (check all that apply): ☐ Air ☒ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

| | |
|-----------|-----|
| Temp (°C) | 3.3 |
|-----------|-----|

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun. | | | | |
| 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"/> | |
| If custody seals are present, are they intact ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples with holding times due within 48 hours sample due within 48 hours present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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"/> | |
| 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"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽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 checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Record the pH in Comments. | | | | |
| 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. | | | | |

RZ

Custodian Printed Name or Initials

Signature of Custodian

6/30/20

Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

N WALL 3FT
2007001-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | 2007043 | 07/06/20 | 07/06/20 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.2 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2007042 | 07/06/20 | 07/07/20 | EPA 8015M | |

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | | 123 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Calcium | 13500 | 12.3 | mg/kg dry | 1 | 2007033 | 07/02/20 | 07/03/20 | EPA 6020B | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

N WALL 3FT
2007001-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

| | | | | | | | | |
|-----------|-----|------|-----------|---|---------|----------|----------|-----------|
| Magnesium | 596 | 6.17 | mg/kg dry | 1 | 2007033 | 07/02/20 | 07/03/20 | EPA 6020B |
| Sodium | 159 | 6.17 | " | " | " | " | " | " |

Calculated Analysis

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.364 | 0.100 | units | 1 | 2007078 | 07/08/20 | 07/08/20 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| % Solids | 81.1 | | % | 1 | 2007071 | 07/08/20 | 07/08/20 | Calculation | |
| pH | 8.45 | | pH Units | " | 2007025 | 07/02/20 | 07/02/20 | EPA 9045D | |

Specific Conductance by EPA Method 120.1

Date Sampled: **06/30/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.800 | 0.0100 | mmhos/cm | 1 | 2007024 | 07/02/20 | 07/02/20 | EPA 120.1 | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

W1

2007001-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 06/30/20 00:00

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | 2006417 | 06/30/20 | 07/05/20 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |

Date Sampled: 06/30/20 00:00

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.7 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 113 % | 21-167 | | " | " | " | " | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2006417 - EPA 5030 Water MS

Blank (2006417-BLK1)

Prepared: 06/30/20 Analyzed: 07/02/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 2.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.6 | | " | 13.3 | | 102 | 23-173 | | | |
| Surrogate: Toluene-d8 | 14.0 | | " | 13.3 | | 105 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 12.3 | | " | 13.3 | | 92.3 | 21-167 | | | |

LCS (2006417-BS1)

Prepared: 06/30/20 Analyzed: 07/02/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | 50.0 | 1.0 | ug/l | 50.0 | | 100 | 51-132 | | | |
| Toluene | 48.4 | 1.0 | " | 50.0 | | 96.8 | 51-138 | | | |
| Ethylbenzene | 47.5 | 1.0 | " | 50.0 | | 95.1 | 58-146 | | | |
| m,p-Xylene | 94.4 | 2.0 | " | 100 | | 94.4 | 57-144 | | | |
| o-Xylene | 47.0 | 1.0 | " | 50.0 | | 94.1 | 53-146 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.1 | | " | 13.3 | | 98.1 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.0 | | " | 13.3 | | 97.8 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 12.9 | | " | 13.3 | | 96.8 | 21-167 | | | |

Matrix Spike (2006417-MS1)

Source: 2006319-01

Prepared: 06/30/20 Analyzed: 07/02/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|--|--|--|
| Benzene | 48.8 | 1.0 | ug/l | 50.0 | ND | 97.5 | 34-141 | | | |
| Toluene | 47.3 | 1.0 | " | 50.0 | ND | 94.5 | 27-151 | | | |
| Ethylbenzene | 46.5 | 1.0 | " | 50.0 | ND | 93.0 | 29-160 | | | |
| m,p-Xylene | 91.1 | 2.0 | " | 100 | ND | 91.1 | 20-166 | | | |
| o-Xylene | 45.5 | 1.0 | " | 50.0 | ND | 91.1 | 33-159 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.1 | | " | 13.3 | | 98.3 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.7 | | " | 13.3 | | 103 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 14.2 | | " | 13.3 | | 106 | 21-167 | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2006417 - EPA 5030 Water MS

Matrix Spike Dup (2006417-MSD1)

Source: 2006319-01

Prepared: 06/30/20 Analyzed: 07/02/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|------|----|--|
| Benzene | 43.1 | 1.0 | ug/l | 50.0 | ND | 86.2 | 34-141 | 12.3 | 30 | |
| Toluene | 42.1 | 1.0 | " | 50.0 | ND | 84.2 | 27-151 | 11.5 | 30 | |
| Ethylbenzene | 42.6 | 1.0 | " | 50.0 | ND | 85.3 | 29-160 | 8.62 | 30 | |
| m,p-Xylene | 85.4 | 2.0 | " | 100 | ND | 85.4 | 20-166 | 6.48 | 30 | |
| o-Xylene | 42.5 | 1.0 | " | 50.0 | ND | 85.1 | 33-159 | 6.84 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.0 | | " | 13.3 | | 97.5 | 23-173 | | | |
| Surrogate: Toluene-d8 | 13.2 | | " | 13.3 | | 99.2 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.5 | | " | 13.3 | | 101 | 21-167 | | | |

Batch 2007043 - EPA 5030 Soil MS

Blank (2007043-BLK1)

Prepared & Analyzed: 07/06/20

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|-----|--------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Naphthalene | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0400 | | " | 0.0400 | | 100 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0431 | | " | 0.0400 | | 108 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0406 | | " | 0.0400 | | 102 | 21-167 | | | |

LCS (2007043-BS1)

Prepared & Analyzed: 07/06/20

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.0886 | 0.0020 | mg/kg | 0.100 | | 88.6 | 70-130 | | | |
| Toluene | 0.0926 | 0.0050 | " | 0.100 | | 92.6 | 70-130 | | | |
| Ethylbenzene | 0.0705 | 0.0050 | " | 0.100 | | 70.5 | 70-130 | | | |
| m,p-Xylene | 0.194 | 0.010 | " | 0.200 | | 96.9 | 70-130 | | | |
| o-Xylene | 0.0716 | 0.0050 | " | 0.100 | | 71.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0317 | | " | 0.0400 | | 79.3 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0416 | | " | 0.0400 | | 104 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0381 | | " | 0.0400 | | 95.2 | 21-167 | | | |

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2007043 - EPA 5030 Soil MS

| Matrix Spike (2007043-MS1) | | | Source: 2006374-01 | | Prepared & Analyzed: 07/06/20 | | | | | |
|----------------------------------|--------|--------|--------------------|--------|-------------------------------|------|--------|------|----|--|
| Benzene | 0.0898 | 0.0020 | mg/kg | 0.100 | ND | 89.8 | 70-130 | | | |
| Toluene | 0.0953 | 0.0050 | " | 0.100 | ND | 95.3 | 70-130 | | | |
| Ethylbenzene | 0.0728 | 0.0050 | " | 0.100 | ND | 72.8 | 70-130 | | | |
| m,p-Xylene | 0.169 | 0.010 | " | 0.200 | ND | 84.7 | 70-130 | | | |
| o-Xylene | 0.0741 | 0.0050 | " | 0.100 | ND | 74.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0315 | | " | 0.0400 | | 78.8 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0420 | | " | 0.0400 | | 105 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0380 | | " | 0.0400 | | 95.1 | 21-167 | | | |
| Matrix Spike Dup (2007043-MSD1) | | | Source: 2006374-01 | | Prepared & Analyzed: 07/06/20 | | | | | |
| Benzene | 0.0957 | 0.0020 | mg/kg | 0.100 | ND | 95.7 | 70-130 | 6.34 | 30 | |
| Toluene | 0.100 | 0.0050 | " | 0.100 | ND | 100 | 70-130 | 4.73 | 30 | |
| Ethylbenzene | 0.0803 | 0.0050 | " | 0.100 | ND | 80.3 | 70-130 | 9.80 | 30 | |
| m,p-Xylene | 0.153 | 0.010 | " | 0.200 | ND | 76.3 | 70-130 | 10.5 | 30 | |
| o-Xylene | 0.0818 | 0.0050 | " | 0.100 | ND | 81.8 | 70-130 | 9.85 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0327 | | " | 0.0400 | | 81.7 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0406 | | " | 0.0400 | | 102 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0385 | | " | 0.0400 | | 96.2 | 21-167 | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 2007042 - EPA 3550A

Blank (2007042-BLK1)

Prepared & Analyzed: 07/06/20

C10-C28 (DRO) ND 50 mg/kg

LCS (2007042-BS1)

Prepared & Analyzed: 07/06/20

C10-C28 (DRO) 425 50 mg/kg 500 85.0 70-130

Matrix Spike (2007042-MS1)

Source: 2006374-01

Prepared & Analyzed: 07/06/20

C10-C28 (DRO) 421 50 mg/kg 500 15.9 81.0 70-130

Matrix Spike Dup (2007042-MSD1)

Source: 2006374-01

Prepared & Analyzed: 07/06/20

C10-C28 (DRO) 439 50 mg/kg 500 15.9 84.7 70-130 4.21 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

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

Batch 2007033 - General Preparation

Blank (2007033-BLK1)

Prepared & Analyzed: 07/02/20

| | | | |
|-----------|----|------|-----------|
| Calcium | ND | 10.0 | mg/kg wet |
| Magnesium | ND | 5.00 | " |
| Sodium | ND | 5.00 | " |

LCS (2007033-BS1)

Prepared & Analyzed: 07/02/20

| | | | | | | |
|-----------|-----|------|-----------|-----|-----|--------|
| Calcium | 522 | 10.0 | mg/kg wet | 500 | 104 | 70-130 |
| Magnesium | 538 | 5.00 | " | 500 | 108 | 70-130 |
| Sodium | 538 | 5.00 | " | 500 | 108 | 70-130 |

Duplicate (2007033-DUP1)

Source: 2006345-11

Prepared & Analyzed: 07/02/20

| | | | | | | |
|-----------|------|------|-----------|------|------|----|
| Calcium | 1440 | 10.1 | mg/kg dry | 1280 | 11.5 | 20 |
| Magnesium | 291 | 5.06 | " | 270 | 7.69 | 20 |
| Sodium | 804 | 5.06 | " | 813 | 1.09 | 20 |

Matrix Spike (2007033-MS1)

Source: 2006345-11

Prepared & Analyzed: 07/02/20

| | | | | | | | |
|-----------|------|------|-----------|-----|------|------|--------|
| Calcium | 1870 | 10.1 | mg/kg dry | 506 | 1280 | 117 | 70-130 |
| Magnesium | 813 | 5.06 | " | 506 | 270 | 107 | 70-130 |
| Sodium | 1310 | 5.06 | " | 506 | 813 | 98.7 | 70-130 |

Matrix Spike Dup (2007033-MSD1)

Source: 2006345-11

Prepared & Analyzed: 07/02/20

| | | | | | | | | | |
|-----------|------|------|-----------|-----|------|------|--------|--------|----|
| Calcium | 1910 | 10.1 | mg/kg dry | 506 | 1280 | 125 | 70-130 | 2.11 | 25 |
| Magnesium | 818 | 5.06 | " | 506 | 270 | 109 | 70-130 | 0.656 | 25 |
| Sodium | 1310 | 5.06 | " | 506 | 813 | 98.5 | 70-130 | 0.0818 | 25 |

Summit Scientific

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

Summit Scientific

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

Batch 2007025 - General Preparation

LCS (2007025-BS1)

Prepared & Analyzed: 07/02/20

| | | | | | | |
|----|------|--|----------|------|-----|--------|
| pH | 9.23 | | pH Units | 9.18 | 101 | 95-105 |
|----|------|--|----------|------|-----|--------|

Duplicate (2007025-DUP1)

Source: 2007001-01

Prepared & Analyzed: 07/02/20

| | | | | | | | |
|----|------|--|----------|------|--|-------|----|
| pH | 8.47 | | pH Units | 8.45 | | 0.236 | 20 |
|----|------|--|----------|------|--|-------|----|

Batch 2007071 - General Preparation

Duplicate (2007071-DUP1)

Source: 2006373-01

Prepared & Analyzed: 07/08/20

| | | | | | | | |
|----------|------|--|---|------|--|-------|----|
| % Solids | 77.6 | | % | 77.9 | | 0.387 | 20 |
|----------|------|--|---|------|--|-------|----|

Summit Scientific

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PO Box 1289
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Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Specific Conductance by EPA Method 120.1 - Quality Control
Summit Scientific

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

Batch 2007024 - General Preparation

Blank (2007024-BLK1)

Prepared & Analyzed: 07/02/20

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (2007024-BS1)

Prepared & Analyzed: 07/02/20

Specific Conductance (EC) 0.772 0.0100 mmhos/cm 0.750 103 90-110

Duplicate (2007024-DUP1)

Source: 2007001-01

Prepared & Analyzed: 07/02/20

Specific Conductance (EC) 0.816 0.0100 mmhos/cm 0.800 2.04 20

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Noble - Bohlender 29-2

Project Number: [none]
Project Manager: Paul Henchan

Reported:
07/08/20 14:37

Notes and Definitions

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