



LEGEND

| | | | |
|--|---------------------------|-------------|-------------------------|
| | SOIL SAMPLE LOCATION | 9/23/20 | DATE SAMPLED |
| | ABOVE GROUND STORAGE TANK | N Wall @ 3' | LOCATION and DEPTH (ft) |
| | FORMER FACILITY | B | BENZENE (mg/kg) |
| | FENCE LINE | T | TOLUENE (mg/kg) |
| | CONTAINMENT BERM | E | ETHYLBENZENE (mg/kg) |
| | CONTAINMENT WALL | X | TOTAL XYLENES (mg/kg) |
| | | N | NAPHTHALENE (mg/kg) |
| | | G | TPH-GRO (mg/kg) |
| | | D | TPH-DRO (mg/kg) |
| | | EC | EC mmhos/cm |
| | | pH | pH Units |
| | | SAR | SAR Units |
| | | NA | NOT ANALYZED |

Figure 1
SITE PLAN

NOBLE ENERGY, INC. ~ SHABLE USX AB 11-04P
Facility ID ~ 407926
NWNW Sec. 11, T7N, R64W ~ 40.593559° -104.52351°
Weld County, Colorado

| | | | |
|--------------------------------|--------------------------|--------------------------|--|
| API No. 05-123-30633 | Prepared by TA | Drawn by TA | |
| Date 10/8/20 | Reviewed by EB | Filename V484A | |

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 01, 2020

Paul Henchan

Fremont Environmental

PO Box 1289

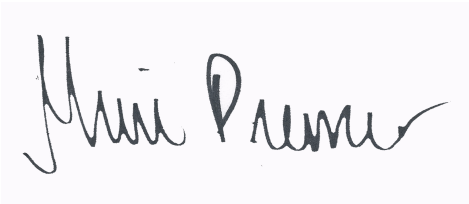
Wellington, CO 80549

RE: Noble - Shable USX AB 11-04P

Work Order #2009266

Enclosed are the results of analyses for samples received by Summit Scientific on 09/23/20 16:28. 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", on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| N WALL 3FT | 2009266-01 | Soil | 09/23/20 00:00 | 09/23/20 16:28 |
| FLOOR 5FT | 2009266-02 | Soil | 09/23/20 00:00 | 09/23/20 16:28 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

2009266

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 - Shable USX AB 11-04P

Sampler Name: Black

Project Number:

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------------------|------|-------|--------|------|----------------|-------|--------------------|-------------|-----|-----|-----|----|----|--|----------------------|
| | | | | | HCl | HNO ₃ | None | Other | Water | Soil | Air-Canister # | Other | BTEX | Naphthalene | GRO | DRO | SAR | EC | pH | | |
| 1 | N WALL 3FT | 9/23/20 | | 1 | | | X | | | X | | | | X | X | X | X | X | X | | |
| 2 | FLOOR 5FT | L | | 1 | | | X | | | X | | | | X | X | X | X | X | X | | |
| 3 | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|-------------------------------------|--------------------------|---------------------------------|---------------------------|---|-----------------------------|
| Relinquished by: <i>Ethan Black</i> | Date/Time: 10:28 9/23/20 | Received by: <i>[Signature]</i> | Date/Time: 09-23-20 16:28 | Turn Around Time (Check) Same Day _____ 72 hours _____ 24 hours _____ Standard <input checked="" type="checkbox"/> 48 hours _____ Sample Integrity: Temperature Upon Receipt: 4.7 Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No | Notes: ON ICE |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | | |

Sample Receipt Checklist

S2 Work Order 2009266

Client: Fremont Environmental Client Project ID: Noble - Shable USX AB11-04P

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

☒ ☐ ☐ ☐ ☐

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

| | |
|-----------|-----|
| Temp (°C) | 4.7 |
|-----------|-----|

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"/> | On Ice |
| 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 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"/> | |
| 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 type="checkbox"/> | <input checked="" 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.

MP

Custodian Printed Name or Initials

Muri Presmer

Signature of Custodian

9/23/20

Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

N WALL 3FT
2009266-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | 2009320 | 09/28/20 | 09/29/20 | 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: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.6 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2009314 | 09/25/20 | 09/30/20 | EPA 8015M | |

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 102 % | 30-150 | | " | " | " | " | |

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

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 4860 | 12.7 | mg/kg dry | 1 | 2009329 | 09/28/20 | 09/28/20 | EPA 6020B | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henehan

Reported:
10/01/20 10:51

N WALL 3FT
2009266-01 (Soil)

Summit Scientific

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

| | | | | | | | | |
|-----------|------|------|-----------|---|---------|----------|----------|-----------|
| Magnesium | 1090 | 6.35 | mg/kg dry | 1 | 2009329 | 09/28/20 | 09/28/20 | EPA 6020B |
| Sodium | 143 | 6.35 | " | " | " | " | " | " |

Calculated Analysis

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.483 | 0.100 | units | 1 | 2009336 | 09/29/20 | 09/29/20 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| % Solids | 78.7 | | % | 1 | 2009282 | 09/24/20 | 09/24/20 | Calculation | |
| pH | 7.77 | | pH Units | " | 2009283 | 09/24/20 | 09/24/20 | EPA 9045D | |

Specific Conductance by EPA Method 120.1

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 11.8 | 0.0100 | mmhos/cm | 1 | 2009284 | 09/24/20 | 09/24/20 | EPA 120.1 | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

FLOOR 5FT
2009266-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | 2009320 | 09/28/20 | 09/29/20 | 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: **09/23/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 112 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 104 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2009314 | 09/25/20 | 09/30/20 | EPA 8015M | |

Date Sampled: **09/23/20 00:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | | 99.6 % | 30-150 | | " | " | " | " | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2009320 - EPA 5030 Soil MS

Blank (2009320-BLK1)

Prepared: 09/28/20 Analyzed: 09/29/20

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|-----|--------|--|--|--|
| 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 | 0.0438 | | " | 0.0400 | | 109 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0404 | | " | 0.0400 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0429 | | " | 0.0400 | | 107 | 21-167 | | | |

LCS (2009320-BS1)

Prepared & Analyzed: 09/28/20

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.0911 | 0.0020 | mg/kg | 0.100 | | 91.1 | 70-130 | | | |
| Toluene | 0.0758 | 0.0050 | " | 0.100 | | 75.8 | 70-130 | | | |
| Ethylbenzene | 0.109 | 0.0050 | " | 0.100 | | 109 | 70-130 | | | |
| m,p-Xylene | 0.220 | 0.010 | " | 0.200 | | 110 | 70-130 | | | |
| o-Xylene | 0.116 | 0.0050 | " | 0.100 | | 116 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0424 | | " | 0.0400 | | 106 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0406 | | " | 0.0400 | | 102 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0405 | | " | 0.0400 | | 101 | 21-167 | | | |

Matrix Spike (2009320-MS1)

Source: 2009258-01

Prepared & Analyzed: 09/28/20

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|---------|------|--------|--|--|--|
| Benzene | 0.0915 | 0.0020 | mg/kg | 0.100 | ND | 91.5 | 70-130 | | | |
| Toluene | 0.0751 | 0.0050 | " | 0.100 | ND | 75.1 | 70-130 | | | |
| Ethylbenzene | 0.112 | 0.0050 | " | 0.100 | ND | 112 | 70-130 | | | |
| m,p-Xylene | 0.226 | 0.010 | " | 0.200 | 0.00528 | 111 | 70-130 | | | |
| o-Xylene | 0.120 | 0.0050 | " | 0.100 | ND | 120 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0446 | | " | 0.0400 | | 112 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0394 | | " | 0.0400 | | 98.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0406 | | " | 0.0400 | | 102 | 21-167 | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

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 2009320 - EPA 5030 Soil MS

| Matrix Spike Dup (2009320-MSD1) | | Source: 2009258-01 | | | Prepared & Analyzed: 09/28/20 | | | | | |
|----------------------------------|--------|--------------------|-------|--------|-------------------------------|------|--------|-------|----|--|
| Benzene | 0.0892 | 0.0020 | mg/kg | 0.100 | ND | 89.2 | 70-130 | 2.56 | 30 | |
| Toluene | 0.0749 | 0.0050 | " | 0.100 | ND | 74.9 | 70-130 | 0.240 | 30 | |
| Ethylbenzene | 0.109 | 0.0050 | " | 0.100 | ND | 109 | 70-130 | 2.97 | 30 | |
| m,p-Xylene | 0.220 | 0.010 | " | 0.200 | 0.00528 | 107 | 70-130 | 2.88 | 30 | |
| o-Xylene | 0.119 | 0.0050 | " | 0.100 | ND | 119 | 70-130 | 1.08 | 30 | |
| <hr/> | | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0435 | | " | 0.0400 | | 109 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0409 | | " | 0.0400 | | 102 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0405 | | " | 0.0400 | | 101 | 21-167 | | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

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 2009314 - EPA 3550A

Blank (2009314-BLK1)

Prepared & Analyzed: 09/25/20

C10-C28 (DRO) ND 50 mg/kg

LCS (2009314-BS1)

Prepared & Analyzed: 09/25/20

C10-C28 (DRO) 610 50 mg/kg 500 122 70-130

Matrix Spike (2009314-MS1)

Source: 2009273-01

Prepared & Analyzed: 09/25/20

C10-C28 (DRO) 6390 50 mg/kg 500 6780 NR 70-130 QM-07

Matrix Spike Dup (2009314-MSD1)

Source: 2009273-01

Prepared & Analyzed: 09/25/20

C10-C28 (DRO) 7700 50 mg/kg 500 6780 183 70-130 18.6 20 QM-07

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

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 2009329 - General Preparation

Blank (2009329-BLK1)

Prepared & Analyzed: 09/28/20

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

LCS (2009329-BS1)

Prepared & Analyzed: 09/28/20

| | | | | | | |
|-----------|-----|------|-----------|-----|-----|--------|
| Calcium | 512 | 10.0 | mg/kg wet | 500 | 102 | 70-130 |
| Magnesium | 503 | 5.00 | " | 500 | 101 | 70-130 |
| Sodium | 583 | 5.00 | " | 500 | 117 | 70-130 |

Duplicate (2009329-DUP1)

Source: 2009258-02

Prepared & Analyzed: 09/28/20

| | | | | | | |
|-----------|-------|------|-----------|-------|------|----|
| Calcium | 12600 | 11.0 | mg/kg dry | 15100 | 18.1 | 20 |
| Magnesium | 2470 | 5.51 | " | 2890 | 15.6 | 20 |
| Sodium | 90.7 | 5.51 | " | 97.6 | 7.31 | 20 |

Matrix Spike (2009329-MS1)

Source: 2009258-02

Prepared & Analyzed: 09/28/20

| | | | | | | | |
|-----------|-------|------|-----------|-----|-------|------|--------|
| Calcium | 15700 | 11.0 | mg/kg dry | 551 | 15100 | 94.9 | 70-130 |
| Magnesium | 3280 | 5.51 | " | 551 | 2890 | 71.6 | 70-130 |
| Sodium | 674 | 5.51 | " | 551 | 97.6 | 105 | 70-130 |

Matrix Spike Dup (2009329-MSD1)

Source: 2009258-02

Prepared & Analyzed: 09/28/20

| | | | | | | | | | |
|-----------|-------|------|-----------|-----|-------|------|--------|-------|----|
| Calcium | 15700 | 11.0 | mg/kg dry | 551 | 15100 | 106 | 70-130 | 0.392 | 25 |
| Magnesium | 3300 | 5.51 | " | 551 | 2890 | 74.2 | 70-130 | 0.449 | 25 |
| Sodium | 638 | 5.51 | " | 551 | 97.6 | 98.0 | 70-130 | 5.60 | 25 |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

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

Summit Scientific

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

Batch 2009282 - General Preparation

Duplicate (2009282-DUP1)

Source: 2009258-02

Prepared & Analyzed: 09/24/20

| | | | | | | | |
|----------|------|---|--|------|--|-------|----|
| % Solids | 90.9 | % | | 90.8 | | 0.110 | 20 |
|----------|------|---|--|------|--|-------|----|

Batch 2009283 - General Preparation

LCS (2009283-BS1)

Prepared & Analyzed: 09/24/20

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

Duplicate (2009283-DUP1)

Source: 2009258-02

Prepared & Analyzed: 09/24/20

| | | | | | | | |
|----|------|----------|--|------|--|-------|----|
| pH | 9.21 | pH Units | | 9.24 | | 0.325 | 20 |
|----|------|----------|--|------|--|-------|----|

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

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 2009284 - General Preparation

Blank (2009284-BLK1)

Prepared & Analyzed: 09/24/20

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (2009284-BS1)

Prepared & Analyzed: 09/24/20

Specific Conductance (EC) 0.807 0.0100 mmhos/cm 0.750 108 90-110

Duplicate (2009284-DUP1)

Source: 2009258-02

Prepared & Analyzed: 09/24/20

Specific Conductance (EC) 0.761 0.0100 mmhos/cm 0.766 0.721 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Shable USX AB 11-04P

Project Number: [none]
Project Manager: Paul Henchan

Reported:
10/01/20 10:51

Notes and Definitions

| | |
|-------|---|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |