

FREMONT ENVIRONMENTAL INC.

February 2, 2024

Mr. Daniel Peterson
Noble Energy Inc.
2115 117th Avenue
Greeley, CO 80634

Subject: **Facility Closure Data Submittal**
Knaub 64N64W 9SWSW
SWSW Sec. 9, T4N, R65W
Weld County, Colorado
Fremont Project No. C024-021
Facility # 328257, Remediation # 30788

Dear Mr. Peterson:

As you requested, Fremont Environmental Inc. (Fremont) personnel conducted facility closure activities for the Noble Energy Inc. (Noble) Knaub 64N64W 9SWSW. Impacted soil was encountered at the former separator dumpline area during abandonment activities. Details of the Knaub 64N64W 9SWSW facility closure activities are documented in the attached Closure Report. Groundwater was not encountered during flowline abandonment activities.

Please contact me at (303) 261-6246 if you require any additional information. Fremont appreciates the opportunity to provide this service.

Sincerely,

FREMONT ENVIRONMENTAL INC.



Stanley Gilbert
Environmental Scientist

Attachments:

Facility Closure Checklist
Tables
Figures
Photos
Laboratory Report

**1759 REDWING LANE, BROOMFIELD, CO 80020
(303) 956-8714 (DIRECT)**

Tank Battery Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

| | | | | | | | | |
|---|-------------------|----------------------|--|------------------|--|------------------|--|---------------------------------|
| Additional attachments (optional): | | Pit Closure | | Wellhead Closure | | Flowline Closure | X | Partially Buried Vault Closure |
| Site Name & COGCC Facility Number: KNAUB-64N65W 9SWSW Facility #:328257 | | Date: 01/29/2024 | | | | | | Remediation Project #: 30788 |
| Associated Wells: Knaub 09-13G API:05-123-15767 | | Age of Site: 2007 | | | | | | Number of Photos Attached: 9 |
| Location: (GPS coordinates of southeaster berm) 40.320238, -104.673833 | | | | | | | Estimated Facility Size (acres): ~1 Acre | |
| General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) Good housekeeping. General condition for all the on-site equipment looked fine. Waste management well maintained. | | | | | | | | |
| USCS Soil Type: SP | | | | | Estimated Depth to Groundwater: >3' | | | |
| Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) Impacted soils encountered at former separator extends to an unknown depth | | | | | | | | |
| Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None observed | | | | | | | | |
| Tanks | | | | | | | | |
| Tank Contents | OIL | | | | | | | |
| Size (barrels) | 300 | | | | | | | |
| Age | 2007 | | | | | | | |
| Construction Material | Steel | | | | | | | |
| Tank type (AST/DPU, etc.) | AST | | | | | | | |
| Visual Integrity of Tank | Good | | | | | | | |
| Condition of tank footprint | Good | | | | | | | |
| PID Readings | High PID 33.2ppm | | | | | | | |
| Soil impacts present at valves or hatches? | No | | | | | | | |
| PID Readings | See attached | | | | | | | |
| Sample taken? Location/ Sample ID# | Yes, see attached | | | | | | | |
| Photo Number(s) | See attached | | | | | | | |
| Other observations regarding tanks: | | | | | | | | |
| Separators | | | | | | | | |
| Separator size | Unknown | | | | | | | |
| Vertical or Horizontal | Horizontal | | | | | | | |
| Age | 2007 | | | | | | | |
| Soil impacts observed? If yes, | Yes, at Dumpline | | | | | | | |
| PID Readings | High PID 2,510ppm | | | | | | | |
| Sample taken? Location/ Sample ID# | Yes, see attached | | | | | | | |
| Photo Number(s) | See attached | | | | | | | |
| Other observations regarding separators | | | | | | | | |
| Encountered contaminated soil in the former dumpline location (SEP DL 3') | | | | | | | | |
| Third Party Equipment | | | | | | | | |
| Type | Meter house | | | | | | | |
| Age | 2008 | | | | | | | |

| | | | | | | | | | | | | | | |
|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Third Party | Unknown | | | | | | | | | | | | | |
| Removal Date | Still present | | | | | | | | | | | | | |
| Sample taken? | Yes, see attached | | | | | | | | | | | | | |
| PID Readings | High PID 0.0ppm | | | | | | | | | | | | | |
| Photo Number(s) | See attached | | | | | | | | | | | | | |
| Other Facility Equipment | | | | | | | | | | | | | | |
| Equipment type | Flare | | | | | | | | | | | | | |
| Equipment Condition | Good | | | | | | | | | | | | | |
| Age | 2007 | | | | | | | | | | | | | |
| Soil impacts observed during | N/A | | | | | | | | | | | | | |
| PID Readings | High PID 0.0ppm | | | | | | | | | | | | | |
| Sample taken? | Yes, see attached | | | | | | | | | | | | | |
| Photo Number(s) | See attached | | | | | | | | | | | | | |
| Other observations regarding other facility or third party equipment: | | | | | | | | | | | | | | |
| Summary | | | | | | | | | | | | | | |
| Was impacted soil identified? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes - less than 10 cubic yards <input type="checkbox"/> Yes - more than 10 cubic yards | | | | | | | | | | | | | | |
| Total number of samples field screened: 2 | | | | | Total number of samples collected: 5 | | | | | | | | | |
| Highest PID Reading: High PID 2,510ppm (SEP DL 3') | | | | | Total number of samples submitted to lab for analysis: 3 | | | | | | | | | |
| If more than 10 cubic yards of impacted soil were observed: | | | | | | | | | | | | | | |
| Vertical extent: Unknown | | | | | Estimated spill volume: Unknown | | | | | | | | | |
| Lateral extent: Unknown | | | | | Volume of soil removed: Unknown | | | | | | | | | |
| Is additional investigation required? Yes | | | | | | | | | | | | | | |
| Was groundwater encountered during the investigation? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - not impacted or in contact with impacted soils <input type="checkbox"/> Yes - groundwater impacted and/or in contact with impacted soils | | | | | | | | | | | | | | |
| Measured depth to groundwater: | | | | | Was remedial groundwater removal conducted? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | |
| Date Groundwater was encountered: | | | | | Commencement date of removal: | | | | | | | | | |
| Sheen on groundwater? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | Volume of groundwater removed prior to sampling: | | | | | | | | | |
| Free product observed? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | Volume of groundwater removed post sampling: | | | | | | | | | |
| Total number of samples collected: | | | | | Total Volume of groundwater removed: | | | | | | | | | |
| Total number of samples submitted to lab for analysis: | | | | | | | | | | | | | | |

Buried or Partially Buried Vessel Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

| Additional attachments (optional): | | Pit Closure | | Wellhead Closure | | Flowline Closure | | Tank Battery Closure |
|---|-------------------|-------------------|--|------------------|--|------------------|------------------------|------------------------------|
| Site Name & COGCC Facility Number: KNAUB-64N65W 9SWSW Facility #:328257 | | Date: 01/29/2024 | | | | | | Remediation Project #: 30788 |
| Associated Wells: <small>Knaub 09-13G API:05-123-15767</small> | | Age of Site: 2007 | | | | | | Number of Photos Attached: 9 |
| Location: (GPS coordinates of vault or southeastern tank berm for multiple) | | | | | | | 40.320238, -104.673833 | |
| General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) Good housekeeping. General condition for all the on-site equipment looked fine. Waste management well maintained. | | | | | | | | |
| USCS Soil Type: SP | | | | | Estimated Depth to Groundwater: >3' | | | |
| Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) Impacted soils encountered at former separator extends to an unknown depth | | | | | | | | |
| Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None observed | | | | | | | | |
| Buried or Partially Buried Vessels | | | | | | | | |
| Tank Contents | Produced water | | | | | | | |
| Size (barrels) | 100 | | | | | | | |
| Age | 2007 | | | | | | | |
| Construction Material | Steel | | | | | | | |
| Visual Integrity of Tank | Good | | | | | | | |
| Condition of tank | Good | | | | | | | |
| PID Readings | High PID 538.1ppm | | | | | | | |
| Condition of dump line | Good | | | | | | | |
| PID Readings | See attached | | | | | | | |
| Sample taken? Location/Sample ID# | Yes, see attached | | | | | | | |
| Photo Number(s) | See attached | | | | | | | |
| Other observations regarding partially buried vessels: Impacted soils was encountered at base of former partially buried vessel | | | | | | | | |
| Summary | | | | | | | | |
| Was impacted soil identified? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes - less than 10 cubic yards <input type="checkbox"/> Yes - more than 10 cubic yards | | | | | | | | |
| Total number of samples field screened: 4 | | | | | Total number of samples collected: 5 | | | |
| Highest PID Reading: 538.1ppm (PWV Floor 3') | | | | | Total number of samples submitted to lab for analysis: 1 | | | |
| If more than 10 cubic yards of impacted soil were observed: | | | | | | | | |
| Vertical extent: Unknown | | | | | Estimated spill volume: Unknown | | | |
| Lateral extent: Unknown | | | | | Volume of soil removed: Unknown | | | |
| Is additional investigation required? Yes, site investigation is needed to gauge an accurate extent | | | | | | | | |
| Was groundwater encountered during the investigation? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - not impacted or in contact with impacted soils <input type="checkbox"/> Yes - groundwater impacted and/or in contact with impacted soils | | | | | | | | |
| Measured depth to groundwater: | | | | | Was remedial groundwater removal conducted? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date Groundwater was encountered: | | | | | Commencement date of removal: | | | |
| Sheen on groundwater? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | Volume of groundwater removed prior to sampling: | | | |
| Free product observed? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | Volume of groundwater removed post sampling: | | | |
| Total number of samples collected: | | | | | Total Volume of groundwater removed: | | | |
| Total number of samples submitted to lab for analysis: | | | | | | | | |

TABLE 1
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
KNAUB 64N65W 9SWSW, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C024-021

| Sample ID | Sample Date | Depth (ft) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl- Benzene (mg/kg) | Xylenes (mg/kg) | 1,2,4- Trimethyl- Benzene (mg/kg) | 1,3,5- Trimethyl- Benzene (mg/kg) | Naphthalene (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) |
|---|-------------|------------|--------------------|--------------------|------------------------------|--------------------|--|--|------------------------|--------------------|--------------------|--------------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 1.2 | 490 | 5.8 | 58 | 30 | 27 | 2 | 500** | | |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.0026 | 0.69 | 0.78 | 9.9 | 0.0081 | 0.0087 | 0.0038 | 500** | | |
| AST 3' | 01/29/2024 | 3' | <0.0020 | <0.0050 | <0.0050 | <0.010 | 0.0052 | <0.0050 | <0.0038 | <0.50 | <50 | <50 |
| PWV FLOOR 3' | 01/29/2024 | 3' | <0.0020 | <0.0050 | <0.0050 | 0.012 | <0.0050 | 0.0078 | <0.0038 | 2.0 | <50 | <50 |
| SEP DL 3' | 01/29/2024 | 3' | <0.0020 | <0.0050 | <0.0050 | 1.5 | 22 | 20 | <0.0038 | 710 | 700 | <50 |

Bold faced values exceed the ECMC Table 915-1 concentrations

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

Green highlighted cells indicate soil removed via excavation

* Indicates laboratory minimum detection limit in excess of SSL

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

NA - Not analyzed

TABLE 2
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
KNAUB 64N65W 9SWSW, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C024-021

| Sample ID | Sample Date | Depth (ft) | Acenaphthene (mg/kg) | Anthracene (mg/kg) | Benzo (a) Anthracene (mg/kg) | Benzo (a) Pyrene (mg/kg) | Benzo (b) Fluoranthene (mg/kg) | Benzo (k) Fluoranthene (mg/kg) | Chrysene (mg/kg) | Dibenzo (a,h) Anthracene (mg/kg) | Fluoranthene (mg/kg) | Fluorene (mg/kg) | Indeno (1,2,3-cd) Pyrene (mg/kg) | Pyrene (mg/kg) | 1-Methyl - Naphthalene (mg/kg) | 2-Methyl- Naphthalene (mg/kg) |
|---|-------------|------------|----------------------|--------------------|------------------------------|--------------------------|--------------------------------|--------------------------------|------------------|----------------------------------|----------------------|------------------|----------------------------------|----------------|--------------------------------|-------------------------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 360 | 1800 | 1.1 | 0.11 | 1.1 | 11 | 110 | 0.11 | 240 | 240 | 1.1 | 180 | 18 | 24 |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.55 | 5.8 | 0.011 | 0.24 | 0.3 | 2.9 | 9 | 0.096 | 8.9 | 0.54 | 0.98 | 1.3 | 0.006 | 0.019 |
| AST 3' | 01/29/2024 | 3' | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| PWV FLOOR 3' | 01/29/2024 | 3' | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.0128 | 0.0334 |
| SEP DL 3' | 01/29/2024 | 3' | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.0054 | <0.00500 | <0.00500 | <0.00500 | 0.951 | 1.71 |

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

TABLE 3
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY INC.
KNAUB 64N65W 9SWSW, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C024-021

| Sample ID | Sample Date | Depth (ft) | pH | EC (mmhos/cm) | SAR | Boron (mg/L) |
|--|-------------|------------|-------------|------------------|-------|--------------|
| ECMC Table 915-1 Soil Suitability Limits | | | 6 - 8.3 | <4 | <6 | 2 |
| Max. Background Concentration (or Concentration Range) | | | - | - | - | - |
| AST 3' | 01/29/2024 | 3' | 6.67 | 0.112 | 0.361 | <2.00 |
| PWV FLOOR 3' | 01/29/2024 | 3' | 8.81 | 0.275 | 0.183 | <2.00 |
| SEP DL 3' | 01/29/2024 | 3' | 7.79 | 0.519 | 0.463 | <2.00 |

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

Green highlighted cells indicate soil removed via excavation

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

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

NA - Not analyzed

TABLE 4
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY INC.
KNAUB 64N65W 9SWSW, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C024-021

| Sample ID | Sample Date | Depth (ft) | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (VI) (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) |
|---|-------------|------------|--------------------|-------------------|--------------------|--------------------------|-------------------|--------------|-------------------|---------------------|-------------------|-----------------|
| ECMC Table 915-1 Limits (Residential SSL) | | | 0.68 | 15000 | 71 | 0.3 | 3100 | 400 | 1500 | 390 | 390 | 23000 |
| ECMC Table 915-1 Limits (Protection of Groundwater SSL) | | | 0.29 | 82 | 0.38 | 0.00067 | 46 | 14 | 26 | 0.26 | 0.8 | 370 |
| 125% Max. Background Concentration | | | - | - | - | - | - | - | - | - | - | - |
| AST 3' | 01/29/2024 | 3' | 0.794 | 69.3 | <0.200 | <0.30 | 2.20 | 5.38 | 3.10 | <0.260 | 0.0287 | 9.32 |
| PWV FLOOR 3' | 01/29/2024 | 3' | 0.751 | 55.7 | <0.200 | <0.30 | 2.45 | 5.85 | 1.65 | <0.260 | 0.0436 | 10.4 |
| SEP DL 3' | 01/29/2024 | 3' | 0.654 | 40.8 | <0.200 | <0.30 | 1.69 | 3.62 | 1.62 | <0.260 | <0.0200 | 7.11 |

Bold faced values exceed the ECMC Table 915-1 concentrations

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

Orange highlighted cells exceed 125% of the maximum background concentration

* Indicates laboratory minimum detection limit in excess of SSL

Green highlighted cells indicate soil removed via excavation

NA - Not analyzed



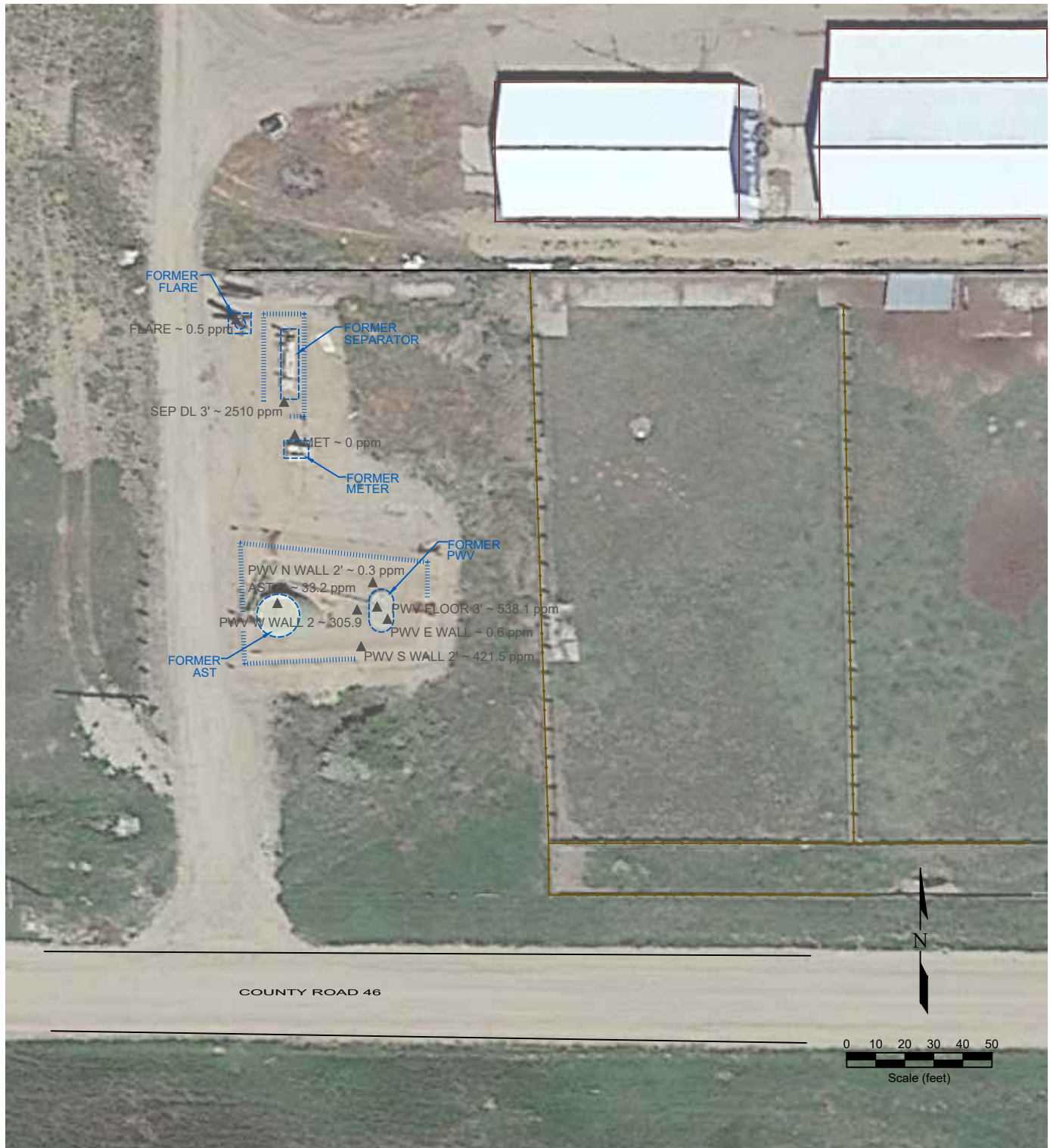


Figure 2

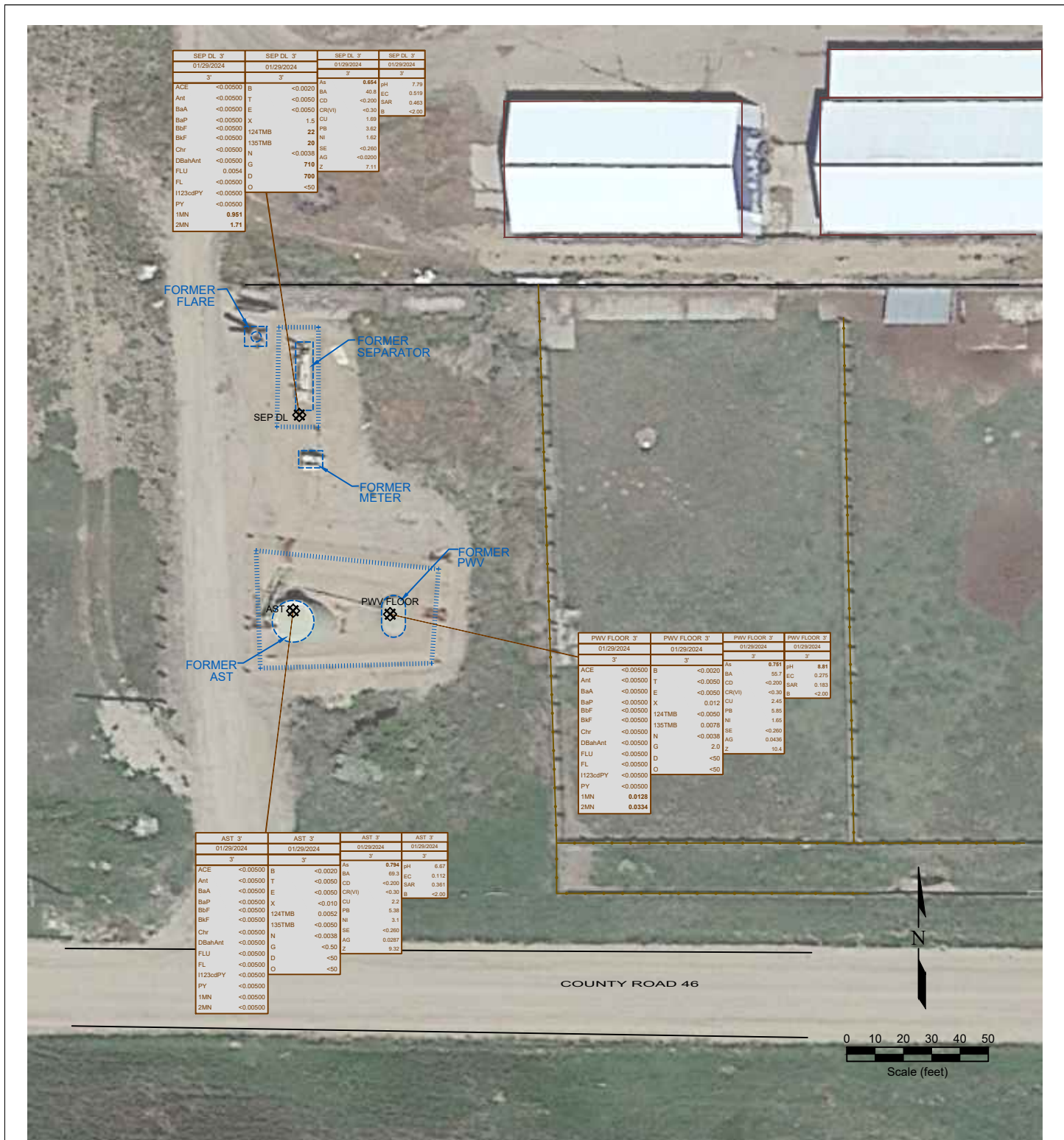
SITE MAP

NOBLE ~ KNAUB 64N65W 9SWSW

SWSW Sec. 9, T4N, R65W, 6th PM
Weld County, Colorado
40.320238°, -104.673833°

| | | |
|--------------------------------|-------------------------------|-----------------------------|
| Project No. C024-021 | API # | Facility # 328257 |
| Date 8/30/24 | Remediation # 30788 | Filename 24021QFC |





| LEGEND | | | |
|------------------------|-----------------------------|--------------------|--------------------|
| ● WELL HEAD LOCATION | ○ ABOVE GROUND STORAGE TANK | — FENCE LINE | — CONTAINMENT BERM |
| ⊗ SOIL SAMPLE LOCATION | — FORMER BUILDING | — CONTAINMENT WALL | |
| NOT ANALYZED | | | |

| SAMPLE ID | SAMPLE ID | SAMPLE ID | SAMPLE ID | SAMPLE ID | SAMPLE ID |
|-------------------|----------------|--------------|--------------|--------------|--------------|
| DATE | DATE | DATE | DATE | DATE | DATE |
| DEPTH | DEPTH | DEPTH | DEPTH | DEPTH | DEPTH |
| ACE <0.00500 | B <0.0020 | As <0.01 | As <0.01 | As <0.01 | As <0.01 |
| Ant <0.00500 | T <0.0050 | BA <0.01 | BA <0.01 | BA <0.01 | BA <0.01 |
| BaA <0.00500 | E <0.0050 | CD <0.01 | CD <0.01 | CD <0.01 | CD <0.01 |
| BaP <0.00500 | X <0.0050 | CR(VI) <0.01 | CR(VI) <0.01 | CR(VI) <0.01 | CR(VI) <0.01 |
| BbF <0.00500 | 124TMB <0.0050 | CU <0.01 | CU <0.01 | CU <0.01 | CU <0.01 |
| BkF <0.00500 | 135TMB <0.0050 | PB <0.01 | PB <0.01 | PB <0.01 | PB <0.01 |
| Chr <0.00500 | N <0.0038 | NI <0.01 | NI <0.01 | NI <0.01 | NI <0.01 |
| DBahAnt <0.00500 | G <0.0038 | SE <0.01 | SE <0.01 | SE <0.01 | SE <0.01 |
| FLU <0.00500 | D <0.0038 | AG <0.01 | AG <0.01 | AG <0.01 | AG <0.01 |
| FL <0.00500 | O <50 | Z <0.01 | Z <0.01 | Z <0.01 | Z <0.01 |
| 1123cdPY <0.00500 | | | | | |
| PY <0.00500 | | | | | |
| 1MN <0.00500 | | | | | |
| 2MN <0.00500 | | | | | |

Figure 3

SOIL CHEMISTRY MAP

NOBLE ~ KNAUB 64N65W 9SWSW

SWSW Sec. 9, T4N, R65W, 6th PM

Weld County, Colorado

40.320238°, -104.673833°

| | | |
|--------------------------------|-------------------------------|-----------------------------|
| Project No. C024-021 | API # | Facility # 328257 |
| Date 8/30/24 | Remediation # 30788 | Filename 24021QFC |

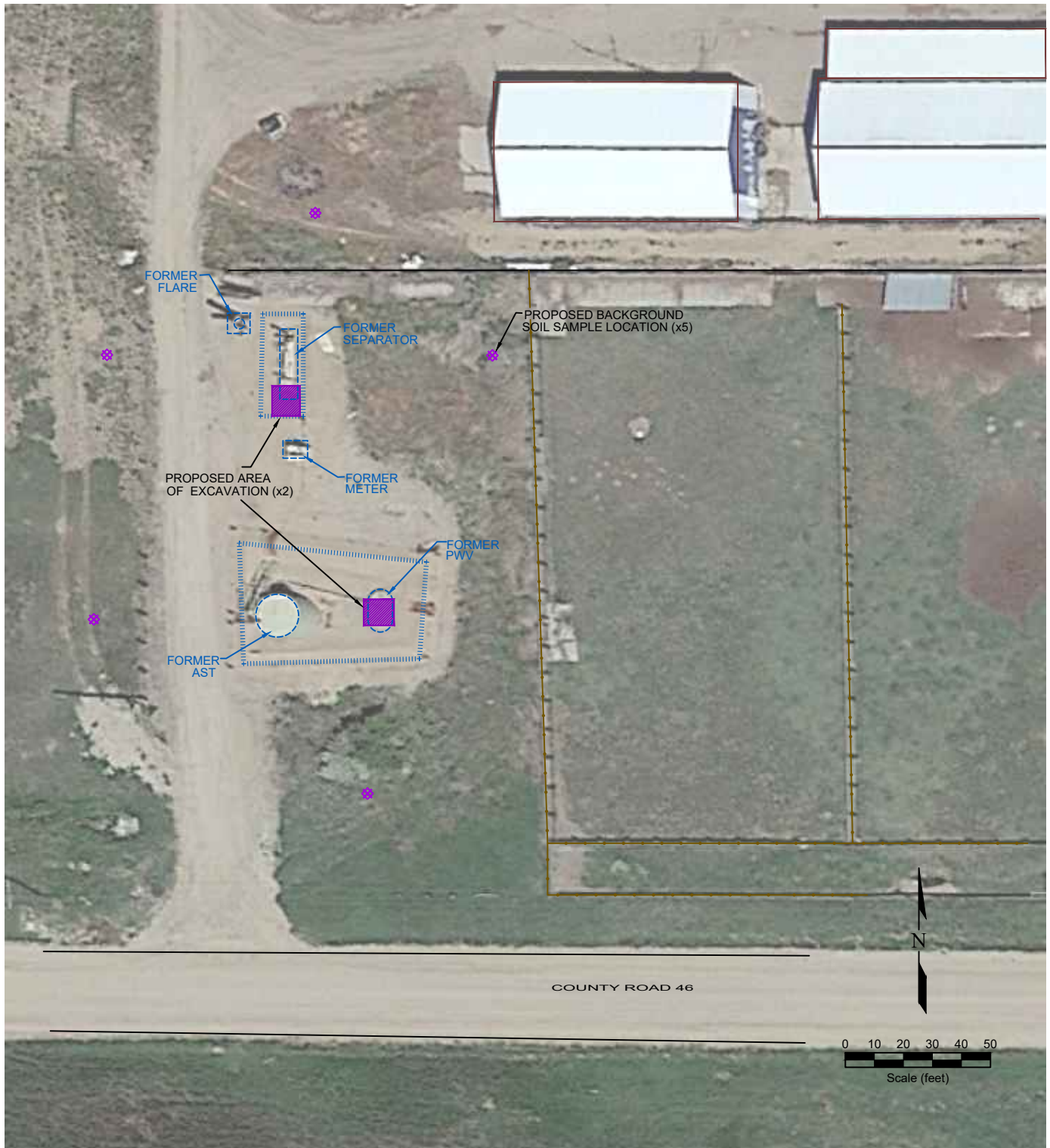



Figure 4
PROPOSED EXCAVATION AND BACKGROUND SAMPLES MAP
NOBLE ~ KNAUB 64N65W 9SWSW

SWSW Sec. 9, T4N, R65W, 6th PM
 Weld County, Colorado
 40.320238°, -104.673833°

| | | | |
|--------------------------------|-------------------------------|-----------------------------|---|
| Project No. C024-021 | API # | Facility # 328257 |  |
| Date 8/30/24 | Remediation # 30788 | Filename 24021QFC | |



Description:

#1- AST 0.5' - black/grey staining and strong HC odor



Description:

#2- PWV N WALL 2' - No staining or odor



Description:

#3- PWV E WALL 2' - No staining or odor



Description:

#4- PWV S WALL 2'- black/grey staining and strong HC



Description:

#5- PWV W WALL 2'- grey staining and slight odor



Description:

#6- PWV FLOOR 3' - grey staining and strong HC odor



Description:

#7- SEP DL 3'- black/grey staining and strong HC odor



Description:

#8- FLARE01 0.5' - No staining or odor



Description:

#9- MH 0.5' - No staining or odor

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 12, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

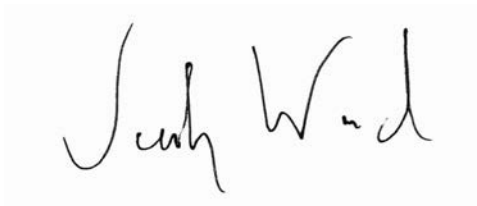
Wellington, CO 80549

RE: Noble - Knaub 64N65W 9SWSW

Work Order #2401555

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

Sincerely,

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

Jacob Wood For Paul Shrewsbury

President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--------------|---------------|--------|----------------|----------------|
| AST 3' | 2401555-01 | Soil | 01/29/24 12:00 | 01/30/24 16:30 |
| SEP DL 3' | 2401555-02 | Soil | 01/29/24 12:05 | 01/30/24 16:30 |
| PWV FLOOR 3' | 2401555-03 | Soil | 01/29/24 09:50 | 01/30/24 16:30 |

Summit Scientific

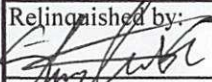

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2401555 | |

| | | | | Send Data To: | | | | Send Invoice To: | | | | | | | | | | | | |
|-------------------------------|--------------------|--------------|--------------|-----------------------------------|-----|------|------|-----------------------------------|-------|------|----------------|--------------------|-------------------|-----|-----------|----------------------|--------------|------------------------|------|--|
| Client: Fremont Environmental | | | | Project Manager: Paul Henehan | | | | Company: Noble | | | | | | | | | | | | |
| Address: | | | | E-Mail: Fremont Distribution List | | | | Project Name/Location: | | | | | | | | | | | | |
| City/State/Zip: | | | | | | | | AFE#: | | | | | | | | | | | | |
| Phone: 303-261-6246 | | | | Project Name: Knaub 64N65W 9SWSW | | | | PO/Billing Codes: UWRWE-A3469-ABN | | | | | | | | | | | | |
| Sampler Name: Stanley Gilbert | | | | Project Number: | | | | Contact: Mike Montoya | | | | | | | | | | | | |
| | | | | Preservative | | | | Matrix | | | | Analysis Requested | | | | Special Instructions | | | | |
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | BTEX, TMBs, Naph. | TPH | PAH (915) | EC, SAR, Ph, Boron | Metals (915) | TDS, Chloride, Sulfate | HOLD | |
| 1 | AST 3' | 11/29/24 | 12:00 | 2 | | | X | | | X | | | X | X | X | X | X | | | |
| 2 | SEP DL 3' | 11/29/24 | 12:05 | 2 | | | X | | | X | | | X | X | X | X | X | | | |
| 3 | PW FLOOR 3' | 11/30/24 | 9:50 | 2 | | | X | | | X | | | X | X | X | X | X | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|---|--------------------------|--|--------------------------|-------------------|---------------|--------|
| Relinquished by:  | Date/Time: 1/30/24 15:50 | Received by: Summit North | Date/Time: 1/30/24 15:50 | TAT Business Days | Field DO | Notes: |
| Relinquished by: 52 | Date/Time: 1/30/24 10:00 | Received by:  | Date/Time: 1/30/24 10:50 | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Standard | X Field Turb. | |
| Temperature Upon Receipt: 8.3 | Corrected Temperature: 8 | IR gun #: | | HNO3 lot #: | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2401555Client: Fremont Client Project ID: Knaub WNWGSW 9SWSWShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐
☐ ☒ ☐ ☐ ☐
Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 8.3Thermometer # 1

| | 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"/> | <u>no ice</u> |
| 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 type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>no time stamps</u> |
| 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 Name1/30/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW

Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

AST 3'
2401555-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|---------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 0.0020 | | mg/kg | 1 | BHB0078 | 02/02/24 | 02/06/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 0.0052 | 0.0050 | | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | | " | " | " | " | " | " | |

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0449 | 112 % | | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0367 | 91.6 % | | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0386 | 96.4 % | | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| C10-C28 (DRO) | ND | 50 | | mg/kg | 1 | BHB0075 | 02/02/24 | 02/06/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | | " | " | " | " | " | " | |

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: o-Terphenyl | 5.94 | 47.5 % | | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

AST 3'
2401555-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHB0067 | 02/02/24 | 02/03/24 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0186 | 55.7 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0192 | 57.6 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHB0238 | 02/07/24 | 02/08/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **01/29/24 12:00**

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

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

AST 3'
2401555-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 0.794 | 0.200 | mg/kg dry | 1 | BHB0140 | 02/05/24 | 02/08/24 | EPA 6020B |
| Barium | 69.3 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 2.20 | 0.400 | " | " | " | " | " | " |
| Lead | 5.38 | 0.200 | " | " | " | " | " | " |
| Nickel | 3.10 | 0.400 | " | " | " | " | " | " |
| Silver | 0.0287 | 0.0200 | " | " | " | " | " | " |
| Zinc | 9.32 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHB0032 | 02/01/24 | 02/01/24 | EPA 7196A | |

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

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 75.1 | 0.0500 | mg/L dry | 1 | BHA1091 | 01/31/24 | 02/02/24 | EPA 6020B | |
| Magnesium | 6.00 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 12.1 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.361 | 0.00100 | units | 1 | BHB0185 | 02/06/24 | 02/06/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Fremont Environmental
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Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

AST 3'
2401555-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 86.3 | | % | 1 | BHB0154 | 02/06/24 | 02/06/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.112 | 0.0100 | mmhos/cm | 1 | BHB0011 | 02/01/24 | 02/01/24 | EPA 120.1 | |

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

Date Sampled: **01/29/24 12:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 6.67 | | pH Units | 1 | BHB0009 | 02/01/24 | 02/01/24 | EPA 9045D | |

Summit Scientific

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Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

SEP DL 3'
2401555-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BHB0078 | 02/02/24 | 02/06/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 1.5 | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 22 | 0.50 | " | 100 | " | " | 02/06/24 | " | |
| 1,3,5-Trimethylbenzene | 20 | 0.50 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | 1 | " | " | 02/06/24 | " | |
| Gasoline Range Hydrocarbons | 710 | 50 | " | 100 | " | " | 02/06/24 | " | |

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 0.0474 | 119 % | 50-150 | | " | " | 02/06/24 | " | |
| <i>Surrogate: Toluene-d8</i> | 0.0465 | 116 % | 50-150 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 0.0488 | 122 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | 700 | 50 | mg/kg | 1 | BHB0075 | 02/02/24 | 02/06/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: o-Terphenyl</i> | 6.10 | 48.8 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

SEP DL 3'
2401555-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------|----------------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHB0067 | 02/02/24 | 02/03/24 | 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 | 0.00540 | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | 0.951 | 0.00500 | " | " | " | " | " | " | E |
| 2-Methylnaphthalene | 1.71 | 0.00500 | " | " | " | " | " | " | E |

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0161 | 48.4 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0160 | 48.1 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | ND | 2.00 | mg/L | 1 | BHB0238 | 02/07/24 | 02/08/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **01/29/24 12:05**

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

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

SEP DL 3'
2401555-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 0.654 | 0.200 | mg/kg dry | 1 | BHB0140 | 02/05/24 | 02/08/24 | EPA 6020B |
| Barium | 40.8 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 1.69 | 0.400 | " | " | " | " | " | " |
| Lead | 3.62 | 0.200 | " | " | " | " | " | " |
| Nickel | 1.62 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 7.11 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHB0032 | 02/01/24 | 02/01/24 | EPA 7196A | |

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

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 42.6 | 0.0500 | mg/L dry | 1 | BHA1091 | 01/31/24 | 02/02/24 | EPA 6020B | |
| Magnesium | 5.51 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 12.1 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.463 | 0.00100 | units | 1 | BHB0185 | 02/06/24 | 02/06/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

SEP DL 3'
2401555-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | | | | | | | | |
| % Solids | 88.5 | | | % | 1 | BHB0154 | 02/06/24 | 02/06/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Specific Conductance (EC) | 0.519 | 0.0100 | | mmhos/cm | 1 | BHB0011 | 02/01/24 | 02/01/24 | EPA 120.1 | |

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

Date Sampled: **01/29/24 12:05**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| pH | 7.79 | | | pH Units | 1 | BHB0009 | 02/01/24 | 02/01/24 | EPA 9045D | |

Summit Scientific

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Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PWV FLOOR 3'
2401555-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|---------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | BHB0078 | 02/02/24 | 02/06/24 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 0.012 | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 0.0078 | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 2.0 | 0.50 | " | " | " | " | " | " | |

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0416 | 104 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0393 | 98.2 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0407 | 102 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BHB0075 | 02/02/24 | 02/06/24 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | 8.23 | 65.8 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PWV FLOOR 3'
2401555-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|---------------|-----------|-------|----------|---------|----------|----------|---------------|-------|
| | | Limit | | | | | | | |
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BHB0067 | 02/02/24 | 02/03/24 | 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 | 0.0128 | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | 0.0334 | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0134 | 40.1 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0156 | 46.8 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Boron | ND | 2.00 | mg/L | 1 | BHB0238 | 02/07/24 | 02/08/24 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **01/29/24 09:50**

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

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Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PWV FLOOR 3'
2401555-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|--------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 0.751 | 0.200 | mg/kg dry | 1 | BHB0140 | 02/05/24 | 02/08/24 | EPA 6020B |
| Barium | 55.7 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 2.45 | 0.400 | " | " | " | " | " | " |
| Lead | 5.85 | 0.200 | " | " | " | " | " | " |
| Nickel | 1.65 | 0.400 | " | " | " | " | " | " |
| Silver | 0.0436 | 0.0200 | " | " | " | " | " | " |
| Zinc | 10.4 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BHB0032 | 02/01/24 | 02/01/24 | EPA 7196A | |

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

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 155 | 0.0500 | mg/L dry | 1 | BHA1091 | 01/31/24 | 02/02/24 | EPA 6020B | |
| Magnesium | 19.3 | 0.0500 | " | " | " | " | " | " | |
| Sodium | 9.08 | 0.0500 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 0.183 | 0.00100 | units | 1 | BHB0185 | 02/06/24 | 02/06/24 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PWV FLOOR 3'
2401555-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-------------|-------|
| | | Limit | | | | | | | | |
| % Solids | 88.1 | | | % | 1 | BHB0154 | 02/06/24 | 02/06/24 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Specific Conductance (EC) | 0.275 | 0.0100 | | mmhos/cm | 1 | BHB0011 | 02/01/24 | 02/01/24 | EPA 120.1 | |

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

Date Sampled: **01/29/24 09:50**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| pH | 8.81 | | | pH Units | 1 | BHB0009 | 02/01/24 | 02/01/24 | EPA 9045D | |

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Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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 BHB0078 - EPA 5030 Soil MS

Blank (BHB0078-BLK1)

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

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| Naphthalene | ND | 0.0038 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0461 | | " | 0.0400 | | 115 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0397 | | " | 0.0400 | | 99.3 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0389 | | " | 0.0400 | | 97.3 | 50-150 | | | |

LCS (BHB0078-BS1)

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

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.100 | 0.0020 | mg/kg | 0.100 | | 100 | 70-130 | | | |
| Toluene | 0.115 | 0.0050 | " | 0.100 | | 115 | 70-130 | | | |
| Ethylbenzene | 0.121 | 0.0050 | " | 0.100 | | 121 | 70-130 | | | |
| m,p-Xylene | 0.246 | 0.010 | " | 0.200 | | 123 | 70-130 | | | |
| o-Xylene | 0.122 | 0.0050 | " | 0.100 | | 122 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.119 | 0.0050 | " | 0.100 | | 119 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.118 | 0.0050 | " | 0.100 | | 118 | 70-130 | | | |
| Naphthalene | 0.121 | 0.0038 | " | 0.100 | | 121 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0422 | | " | 0.0400 | | 106 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0362 | | " | 0.0400 | | 90.6 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0388 | | " | 0.0400 | | 97.0 | 50-150 | | | |

Matrix Spike (BHB0078-MS1)

Source: 2401549-01

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

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene | 0.0868 | 0.0020 | mg/kg | 0.100 | ND | 86.8 | 70-130 | | | |
| Toluene | 0.0994 | 0.0050 | " | 0.100 | ND | 99.4 | 70-130 | | | |
| Ethylbenzene | 0.0945 | 0.0050 | " | 0.100 | ND | 94.5 | 70-130 | | | |
| m,p-Xylene | 0.194 | 0.010 | " | 0.200 | ND | 97.0 | 70-130 | | | |
| o-Xylene | 0.0935 | 0.0050 | " | 0.100 | ND | 93.5 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.0849 | 0.0050 | " | 0.100 | ND | 84.9 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0843 | 0.0050 | " | 0.100 | ND | 84.3 | 70-130 | | | |
| Naphthalene | 0.0734 | 0.0038 | " | 0.100 | ND | 73.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0442 | | " | 0.0400 | | 111 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0386 | | " | 0.0400 | | 96.6 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | | " | 0.0400 | | 98.0 | 50-150 | | | |

Summit Scientific

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Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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 BHB0078 - EPA 5030 Soil MS

| Matrix Spike Dup (BHB0078-MSD1) | | Source: 2401549-01 | | | Prepared: 02/02/24 Analyzed: 02/05/24 | | | | | |
|----------------------------------|--------|--------------------|-------|--------|---------------------------------------|------|--------|------|----|-------|
| Benzene | 0.0826 | 0.0020 | mg/kg | 0.100 | ND | 82.6 | 70-130 | 4.99 | 30 | |
| Toluene | 0.0931 | 0.0050 | " | 0.100 | ND | 93.1 | 70-130 | 6.55 | 30 | |
| Ethylbenzene | 0.0911 | 0.0050 | " | 0.100 | ND | 91.1 | 70-130 | 3.62 | 30 | |
| m,p-Xylene | 0.185 | 0.010 | " | 0.200 | ND | 92.6 | 70-130 | 4.59 | 30 | |
| o-Xylene | 0.0925 | 0.0050 | " | 0.100 | ND | 92.5 | 70-130 | 1.10 | 30 | |
| 1,2,4-Trimethylbenzene | 0.0787 | 0.0050 | " | 0.100 | ND | 78.7 | 70-130 | 7.59 | 30 | |
| 1,3,5-Trimethylbenzene | 0.0788 | 0.0050 | " | 0.100 | ND | 78.8 | 70-130 | 6.81 | 30 | |
| Naphthalene | 0.0646 | 0.0038 | " | 0.100 | ND | 64.6 | 70-130 | 12.7 | 30 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | | 0.0519 | " | 0.0400 | | 130 | 50-150 | | | |
| Surrogate: Toluene-d8 | | 0.0372 | " | 0.0400 | | 93.1 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | | 0.0407 | " | 0.0400 | | 102 | 50-150 | | | |

Summit Scientific

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Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BHB0075 - EPA 3550A

Blank (BHB0075-BLK1)

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

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| C28-C36 (ORO) | ND | 50 | " | | | | | | | |
| Surrogate: o-Terphenyl | 10.4 | | " | 12.5 | | 83.3 | 30-150 | | | |

LCS (BHB0075-BS1)

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

| | | | | | | | | | | |
|------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C10-C28 (DRO) | 427 | 50 | mg/kg | 500 | | 85.3 | 70-130 | | | |
| Surrogate: o-Terphenyl | 9.04 | | " | 12.5 | | 72.3 | 30-150 | | | |

Matrix Spike (BHB0075-MS1)

Source: 2401549-01

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

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|--|--|--|
| C10-C28 (DRO) | 433 | 50 | mg/kg | 500 | 16.6 | 83.4 | 70-130 | | | |
| Surrogate: o-Terphenyl | 9.80 | | " | 12.5 | | 78.4 | 30-150 | | | |

Matrix Spike Dup (BHB0075-MSD1)

Source: 2401549-01

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

| | | | | | | | | | | |
|------------------------|------|----|-------|------|------|------|--------|------|----|--|
| C10-C28 (DRO) | 419 | 50 | mg/kg | 500 | 16.6 | 80.5 | 70-130 | 3.32 | 20 | |
| Surrogate: o-Terphenyl | 9.59 | | " | 12.5 | | 76.7 | 30-150 | | | |

Summit Scientific

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Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0067 - EPA 5030 Soil MS

Blank (BHB0067-BLK1)

Prepared & Analyzed: 02/02/24

| | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|--|------|--------|--|--|--|
| Acenaphthene | ND | 0.00500 | mg/kg | | | | | | | |
| Anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) anthracene | ND | 0.00500 | " | | | | | | | |
| Benzo (a) pyrene | ND | 0.00500 | " | | | | | | | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | | | | | | | |
| Chrysene | ND | 0.00500 | " | | | | | | | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | | | | | | | |
| Fluoranthene | ND | 0.00500 | " | | | | | | | |
| Fluorene | ND | 0.00500 | " | | | | | | | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | | | | | | | |
| Pyrene | ND | 0.00500 | " | | | | | | | |
| 1-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| 2-Methylnaphthalene | ND | 0.00500 | " | | | | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0331 | | " | 0.0333 | | 99.4 | 40-150 | | | |
| Surrogate: Fluoranthene-d10 | 0.0315 | | " | 0.0333 | | 94.5 | 40-150 | | | |

LCS (BHB0067-BS1)

Prepared & Analyzed: 02/02/24

| | | | | | | |
|------------------------------------|--------|---------|-------|--------|------|--------|
| Acenaphthene | 0.0343 | 0.00500 | mg/kg | 0.0333 | 103 | 31-137 |
| Anthracene | 0.0322 | 0.00500 | " | 0.0333 | 96.5 | 30-120 |
| Benzo (a) anthracene | 0.0306 | 0.00500 | " | 0.0333 | 91.9 | 30-120 |
| Benzo (a) pyrene | 0.0320 | 0.00500 | " | 0.0333 | 95.9 | 30-120 |
| Benzo (b) fluoranthene | 0.0303 | 0.00500 | " | 0.0333 | 90.8 | 30-120 |
| Benzo (k) fluoranthene | 0.0271 | 0.00500 | " | 0.0333 | 81.4 | 30-120 |
| Chrysene | 0.0320 | 0.00500 | " | 0.0333 | 95.9 | 30-120 |
| Dibenz (a,h) anthracene | 0.0281 | 0.00500 | " | 0.0333 | 84.3 | 30-120 |
| Fluoranthene | 0.0310 | 0.00500 | " | 0.0333 | 92.9 | 30-120 |
| Fluorene | 0.0378 | 0.00500 | " | 0.0333 | 113 | 30-120 |
| Indeno (1,2,3-cd) pyrene | 0.0355 | 0.00500 | " | 0.0333 | 106 | 30-120 |
| Pyrene | 0.0274 | 0.00500 | " | 0.0333 | 82.3 | 35-142 |
| 1-Methylnaphthalene | 0.0351 | 0.00500 | " | 0.0333 | 105 | 35-142 |
| 2-Methylnaphthalene | 0.0350 | 0.00500 | " | 0.0333 | 105 | 35-142 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0329 | | " | 0.0333 | 98.7 | 40-150 |
| Surrogate: Fluoranthene-d10 | 0.0308 | | " | 0.0333 | 92.3 | 40-150 |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

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

Batch BHB0067 - EPA 5030 Soil MS

Matrix Spike (BHB0067-MS1)

Source: 2401543-11

Prepared & Analyzed: 02/02/24

| | | | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|--|--|
| Acenaphthene | 0.0239 | 0.00500 | mg/kg | 0.0333 | ND | 71.7 | 31-137 | | | | |
| Anthracene | 0.0185 | 0.00500 | " | 0.0333 | ND | 55.6 | 30-120 | | | | |
| Benzo (a) anthracene | 0.0160 | 0.00500 | " | 0.0333 | ND | 48.0 | 30-120 | | | | |
| Benzo (a) pyrene | 0.0166 | 0.00500 | " | 0.0333 | ND | 49.8 | 30-120 | | | | |
| Benzo (b) fluoranthene | 0.0161 | 0.00500 | " | 0.0333 | ND | 48.3 | 30-120 | | | | |
| Benzo (k) fluoranthene | 0.0164 | 0.00500 | " | 0.0333 | ND | 49.1 | 30-120 | | | | |
| Chrysene | 0.0165 | 0.00500 | " | 0.0333 | ND | 49.4 | 30-120 | | | | |
| Dibenz (a,h) anthracene | 0.0255 | 0.00500 | " | 0.0333 | ND | 76.6 | 30-120 | | | | |
| Fluoranthene | 0.0184 | 0.00500 | " | 0.0333 | ND | 55.3 | 30-120 | | | | |
| Fluorene | 0.0226 | 0.00500 | " | 0.0333 | ND | 67.9 | 30-120 | | | | |
| Indeno (1,2,3-cd) pyrene | 0.0278 | 0.00500 | " | 0.0333 | ND | 83.3 | 30-120 | | | | |
| Pyrene | 0.0221 | 0.00500 | " | 0.0333 | ND | 66.3 | 35-142 | | | | |
| 1-Methylnaphthalene | 0.0206 | 0.00500 | " | 0.0333 | ND | 61.9 | 15-130 | | | | |
| 2-Methylnaphthalene | 0.0215 | 0.00500 | " | 0.0333 | ND | 64.6 | 15-130 | | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0201 | | " | 0.0333 | | 60.2 | 40-150 | | | | |
| Surrogate: Fluoranthene-d10 | 0.0188 | | " | 0.0333 | | 56.3 | 40-150 | | | | |

Matrix Spike Dup (BHB0067-MSD1)

Source: 2401543-11

Prepared & Analyzed: 02/02/24

| | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|----|------|--------|------|----|
| Acenaphthene | 0.0200 | 0.00500 | mg/kg | 0.0333 | ND | 60.1 | 31-137 | 17.6 | 30 |
| Anthracene | 0.0193 | 0.00500 | " | 0.0333 | ND | 57.9 | 30-120 | 4.06 | 30 |
| Benzo (a) anthracene | 0.0191 | 0.00500 | " | 0.0333 | ND | 57.4 | 30-120 | 17.8 | 30 |
| Benzo (a) pyrene | 0.0179 | 0.00500 | " | 0.0333 | ND | 53.6 | 30-120 | 7.30 | 30 |
| Benzo (b) fluoranthene | 0.0189 | 0.00500 | " | 0.0333 | ND | 56.8 | 30-120 | 16.0 | 30 |
| Benzo (k) fluoranthene | 0.0186 | 0.00500 | " | 0.0333 | ND | 55.8 | 30-120 | 12.7 | 30 |
| Chrysene | 0.0186 | 0.00500 | " | 0.0333 | ND | 55.9 | 30-120 | 12.3 | 30 |
| Dibenz (a,h) anthracene | 0.0209 | 0.00500 | " | 0.0333 | ND | 62.7 | 30-120 | 19.9 | 30 |
| Fluoranthene | 0.0196 | 0.00500 | " | 0.0333 | ND | 58.7 | 30-120 | 5.94 | 30 |
| Fluorene | 0.0190 | 0.00500 | " | 0.0333 | ND | 57.0 | 30-120 | 17.5 | 30 |
| Indeno (1,2,3-cd) pyrene | 0.0225 | 0.00500 | " | 0.0333 | ND | 67.4 | 30-120 | 21.1 | 30 |
| Pyrene | 0.0209 | 0.00500 | " | 0.0333 | ND | 62.8 | 35-142 | 5.43 | 30 |
| 1-Methylnaphthalene | 0.0200 | 0.00500 | " | 0.0333 | ND | 60.0 | 15-130 | 3.02 | 50 |
| 2-Methylnaphthalene | 0.0192 | 0.00500 | " | 0.0333 | ND | 57.7 | 15-130 | 11.3 | 50 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0189 | | " | 0.0333 | | 56.6 | 40-150 | | |
| Surrogate: Fluoranthene-d10 | 0.0197 | | " | 0.0333 | | 59.0 | 40-150 | | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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

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

Batch BHB0238 - EPA 3050B

Blank (BHB0238-BLK1)

Prepared: 02/07/24 Analyzed: 02/08/24

Boron ND 2.00 mg/L

LCS (BHB0238-BS1)

Prepared: 02/07/24 Analyzed: 02/08/24

Boron 5.04 2.00 mg/L 5.00 101 80-120

Duplicate (BHB0238-DUP1)

Source: 2401555-01

Prepared: 02/07/24 Analyzed: 02/08/24

Boron 0.149 2.00 mg/L 0.134 10.9 20

Matrix Spike (BHB0238-MS1)

Source: 2401555-01

Prepared: 02/07/24 Analyzed: 02/08/24

Boron 5.02 2.00 mg/L 5.00 0.134 97.7 75-125

Matrix Spike Dup (BHB0238-MSD1)

Source: 2401555-01

Prepared: 02/07/24 Analyzed: 02/08/24

Boron 4.98 2.00 mg/L 5.00 0.134 96.8 75-125 0.869 25

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHB0140 - EPA 3050B

Blank (BHB0140-BLK1)

Prepared: 02/05/24 Analyzed: 02/08/24

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

LCS (BHB0140-BS1)

Prepared: 02/05/24 Analyzed: 02/08/24

| | | | | | | |
|----------|------|--------|-----------|------|------|--------|
| Arsenic | 43.1 | 0.200 | mg/kg wet | 40.0 | 108 | 80-120 |
| Barium | 36.9 | 0.400 | " | 40.0 | 92.3 | 80-120 |
| Cadmium | 1.90 | 0.200 | " | 2.00 | 95.0 | 80-120 |
| Copper | 42.5 | 0.400 | " | 40.0 | 106 | 80-120 |
| Lead | 18.9 | 0.200 | " | 20.0 | 94.4 | 80-120 |
| Nickel | 42.1 | 0.400 | " | 40.0 | 105 | 80-120 |
| Silver | 1.95 | 0.0200 | " | 2.00 | 97.7 | 80-120 |
| Zinc | 42.5 | 0.400 | " | 40.0 | 106 | 80-120 |
| Selenium | 4.74 | 0.260 | " | 4.00 | 118 | 80-120 |

Duplicate (BHB0140-DUP1)

Source: 2401535-01

Prepared: 02/05/24 Analyzed: 02/08/24

| | | | | | | | |
|----------|--------|--------|-----------|--------|------|----|-------|
| Arsenic | 0.802 | 0.200 | mg/kg dry | 0.743 | 7.69 | 20 | QR-04 |
| Barium | 112 | 0.400 | " | 69.7 | 46.7 | 20 | |
| Cadmium | 0.173 | 0.200 | " | 0.162 | 6.45 | 20 | |
| Copper | 2.74 | 0.400 | " | 2.34 | 15.7 | 20 | |
| Lead | 5.36 | 0.200 | " | 4.79 | 11.3 | 20 | |
| Nickel | 1.84 | 0.400 | " | 1.71 | 6.87 | 20 | |
| Silver | 0.0189 | 0.0200 | " | 0.0162 | 15.4 | 20 | |
| Zinc | 7.16 | 0.400 | " | 6.98 | 2.51 | 20 | |
| Selenium | ND | 0.260 | " | ND | | 20 | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

Total Metals by EPA 6020B - Quality Control
Summit Scientific

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

Batch BHB0140 - EPA 3050B

Matrix Spike (BHB0140-MS1)

Source: 2401535-01

Prepared: 02/05/24 Analyzed: 02/08/24

| | | | | | | | | | | |
|----------|------|--------|-----------|------|--------|------|--------|--|--|-------|
| Arsenic | 16.6 | 0.200 | mg/kg dry | 45.0 | 0.743 | 35.1 | 75-125 | | | QM-07 |
| Barium | 206 | 0.400 | " | 45.0 | 69.7 | 304 | 75-125 | | | QM-07 |
| Cadmium | 2.22 | 0.200 | " | 2.25 | 0.162 | 91.3 | 75-125 | | | |
| Copper | 19.8 | 0.400 | " | 45.0 | 2.34 | 38.8 | 75-125 | | | QM-07 |
| Lead | 24.1 | 0.200 | " | 22.5 | 4.79 | 85.8 | 75-125 | | | |
| Nickel | 17.8 | 0.400 | " | 45.0 | 1.71 | 35.6 | 75-125 | | | QM-07 |
| Silver | 2.05 | 0.0200 | " | 2.25 | 0.0162 | 90.5 | 75-125 | | | |
| Zinc | 23.9 | 0.400 | " | 45.0 | 6.98 | 37.6 | 75-125 | | | QM-07 |
| Selenium | 5.07 | 0.260 | " | 4.50 | ND | 113 | 75-125 | | | |

Matrix Spike Dup (BHB0140-MSD1)

Source: 2401535-01

Prepared: 02/05/24 Analyzed: 02/08/24

| | | | | | | | | | | |
|----------|------|--------|-----------|------|--------|------|--------|-------|----|-------|
| Arsenic | 16.6 | 0.200 | mg/kg dry | 45.0 | 0.743 | 35.2 | 75-125 | 0.288 | 25 | QM-07 |
| Barium | 227 | 0.400 | " | 45.0 | 69.7 | 350 | 75-125 | 9.58 | 25 | QM-07 |
| Cadmium | 2.43 | 0.200 | " | 2.25 | 0.162 | 101 | 75-125 | 9.38 | 25 | |
| Copper | 19.9 | 0.400 | " | 45.0 | 2.34 | 38.9 | 75-125 | 0.381 | 25 | QM-07 |
| Lead | 26.5 | 0.200 | " | 22.5 | 4.79 | 96.4 | 75-125 | 9.50 | 25 | |
| Nickel | 17.7 | 0.400 | " | 45.0 | 1.71 | 35.6 | 75-125 | 0.172 | 25 | QM-07 |
| Silver | 2.24 | 0.0200 | " | 2.25 | 0.0162 | 99.0 | 75-125 | 8.82 | 25 | |
| Zinc | 24.2 | 0.400 | " | 45.0 | 6.98 | 38.3 | 75-125 | 1.27 | 25 | QM-07 |
| Selenium | 5.00 | 0.260 | " | 4.50 | ND | 111 | 75-125 | 1.30 | 25 | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

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

Batch BHB0032 - 3060A Mod

Blank (BHB0032-BLK1)

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHB0032-BS1)

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 24.5 0.30 mg/kg wet 25.0 98.0 80-120

Duplicate (BHB0032-DUP1)

Source: 2401533-01

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHB0032-MS1)

Source: 2401533-01

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 23.3 0.30 mg/kg dry 25.9 ND 89.8 75-125

Matrix Spike Dup (BHB0032-MSD1)

Source: 2401533-01

Prepared & Analyzed: 02/01/24

Chromium, Hexavalent 23.5 0.30 mg/kg dry 25.9 ND 90.8 75-125 1.11 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW
Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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

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

Batch BHA1091 - General Preparation

Blank (BHA1091-BLK1)

Prepared: 01/31/24 Analyzed: 02/02/24

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

LCS (BHA1091-BS1)

Prepared: 01/31/24 Analyzed: 02/02/24

| | | | | | | |
|-----------|------|--------|----------|------|-----|--------|
| Calcium | 5.49 | 0.0500 | mg/L wet | 5.00 | 110 | 70-130 |
| Magnesium | 5.02 | 0.0500 | " | 5.00 | 100 | 70-130 |
| Sodium | 5.09 | 0.0500 | " | 5.00 | 102 | 70-130 |

Summit Scientific

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| | | |
|--|---|-----------------------------|
| Fremont Environmental PO Box 1289 Wellington CO, 80549 | Project: Noble - Knaub 64N65W 9SWSW Project Number: UWRWE-A3469-ABN Project Manager: Paul Henchan | Reported: 02/12/24 10:33 |
|--|---|-----------------------------|

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 BHB0154 - General Preparation

| | | | | | | | | | | |
|--------------------------|------|--------------------|---|--|-------------------------------|--|--|-------|----|--|
| Duplicate (BHB0154-DUP1) | | Source: 2401533-01 | | | Prepared & Analyzed: 02/06/24 | | | | | |
| % Solids | 96.5 | | % | | 96.4 | | | 0.114 | 20 | |

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW

Project Number: UWRWE-A3469-ABN

Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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

Summit Scientific

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

Batch BHB0011 - General Preparation

Blank (BHB0011-BLK1)

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHB0011-BS1)

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) 0.157 0.0100 mmhos/cm 0.150 105 95-105

Duplicate (BHB0011-DUP1)

Source: 2401549-01

Prepared & Analyzed: 02/01/24

Specific Conductance (EC) 0.124 0.0100 mmhos/cm 0.125 0.966 20

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW

Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

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

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

Batch BHB0009 - General Preparation

LCS (BHB0009-BS1)

Prepared & Analyzed: 02/01/24

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 9.12 | pH Units | 9.18 | 99.3 | 95-105 |
|----|------|----------|------|------|--------|

Duplicate (BHB0009-DUP1)

Source: 2401545-01

Prepared & Analyzed: 02/01/24

| | | | | | |
|----|------|----------|------|-------|----|
| pH | 7.87 | pH Units | 7.90 | 0.380 | 20 |
|----|------|----------|------|-------|----|

Summit Scientific

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Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Knaub 64N65W 9SWSW

Project Number: UWRWE-A3469-ABN
Project Manager: Paul Henchan

Reported:
02/12/24 10:33

Notes and Definitions

| | |
|-------|---|
| QR-04 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| 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. |
| E | The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. |
| 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 |