

TABLE 1
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
PDC ENERGY INC.
PHELPS 11-32 CHZ, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-233

| 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 |
| Waste Char | 8/22/2023 | 0.2 | 6.58 | 0.0119 | 12.6 | 0.146 |
| N-2 | 8/23/2023 | 2 | 8.06 | 0.815 | 3.60 | <0.0100 |
| E-2 | 8/23/2023 | 2 | 6.45 | 9.78 | 7.78 | 0.0524 |
| W-2 | 8/23/2023 | 2 | 7.73 | 1.13 | 3.97 | <0.0100 |
| S-2 | 8/23/2023 | 2 | 8.21 | 0.156 | 0.654 | <0.0100 |
| F2-5 | 8/23/2023 | 5 | 7.70 | 0.514 | 2.27 | <0.0100 |
| MW-1 2 Ft | 1/10/2024 | 2 | 9.01 | 0.362 | 1.19 | <2.00 |
| MW-2 2 Ft | 1/10/2024 | 2 | 7.51 | 0.097 | 0.318 | <2.00 |
| MW-3 2 Ft | 1/10/2024 | 2 | 9.40 | 1.09 | 0.208 | <2.00 |
| MW-4 2 Ft | 1/10/2024 | 2 | 9.10 | 0.189 | 0.783 | <2.00 |
| MW-5 2 Ft | 1/10/2024 | 2 | 7.98 | 0.18 | 0.517 | <2.00 |
| BG N-W | 1/3/2024 | 2 | NA | 0.111 | 0.397 | NA |
| BG N-C | 1/3/2024 | 2 | NA | 0.190 | 0.595 | NA |
| BG N-E | 1/3/2024 | 2 | NA | 0.188 | 0.542 | NA |
| BG SE | 1/3/2024 | 2 | NA | 0.454 | 3.68 | NA |
| BG SW | 1/3/2024 | 2 | NA | 1.49 | 4.07 | NA |
| HA-S | 4/11/2024 | 2 | 8.41 | NA | NA | NA |
| HA-E | 4/11/2024 | 2 | 7.98 | NA | NA | NA |
| SS-SS | 6/11/2024 | 2 | 8.77 | NA | NA | NA |
| SS-SSS | 7/3/2024 | 2 | 8.89 | NA | NA | NA |
| | | | | | | |

Bold faced values exceed the ECMC Table 915-1 concentrations

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

NA - Not analyzed

Green shaded samples indicate this soil was removed during subsequent excavation

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
PDC ENERGY INC.
PHELPS 11-32 CHZ, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C023-233

| Sample ID | Sample Date | Benzene (µg/L) | Toluene (µg/L) | Ethyl-Benzene (µg/L) | Xylenes (µg/L) | Naphthalene (µg/L) | 1,2,4- Trimethyl- Benzene (µg/L) | 1,3,5- Trimethyl- Benzene (µg/L) | TOC Elevation (ft) | Depth to Groundwater (ft) | Groundwater Elevation (ft) | LNAPL Thickness (ft) |
|-------------------------|-------------|-------------------|----------------|-------------------------|----------------|-----------------------|---|---|-----------------------|---------------------------------|----------------------------------|----------------------------|
| ECMC Table 915-1 Limits | | 5.0 | 560 | 700 | 1400 | 140 | 67 | 67 | | | | |
| SEP GW | 08/23/23 | 14 | <1.0 | <1.0 | 22 | <1.0 | 4.7 | <1.0 | NM | NM | NM | NP |
| MW-1 | 01/12/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 96.03 | 6.70 | 89.33 | NP |
| | 04/11/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 3.98 | 92.05 | NP |
| | 07/03/24 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | | 2.48 | 93.55 | NP |
| MW-2 | 01/12/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 99.03 | 10.50 | 88.53 | NP |
| | 04/11/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.24 | 90.79 | NP |
| | 07/03/24 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | | 6.08 | 92.95 | NP |
| MW-3 | 01/12/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 100.00 | 11.46 | 88.54 | NP |
| | 04/11/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.45 | 91.55 | NP |
| | 07/03/24 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | | 7.41 | 92.59 | NP |
| MW-4 | 01/12/24 | 8.5 | 25 | 2.5 | 13 | <1.0 | <1.0 | 1.5 | 99.47 | 10.66 | 88.81 | NP |
| | 04/11/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 8.23 | 91.24 | NP |
| | 07/03/24 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | | 6.30 | 93.17 | NP |
| MW-5 | 01/12/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | 99.61 | 10.58 | 89.03 | NP |
| | 04/11/24 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | | 7.81 | 91.80 | NP |
| | 07/03/24 | <1.00 | <1.00 | <1.00 | <1.00 | <2.00 | <2.00 | <2.00 | | 6.07 | 93.54 | NP |

Bold face values exceed the COGCC limits

Red highlighted 915-1 Limits indicate the referenced groundwater screening level

NP - No measurable LNAPL, NA - Not Analyzed, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed

TABLE 3
SUMMARY OF INORGANIC GROUNDWATER CHEMISTRY DATA
PDC ENERGY INC.
PHELPS SEPARATOR, ADAMS COUNTY, COLORADO
FREMONT PROJECT NO. C023-233

| Sample ID | Sample Date | Total Dissolved Solids (mg/L) | Chloride Ion (mg/L) | Sulfate Ion (mg/L) |
|-------------------------|-------------|----------------------------------|---------------------------------|---------------------------------|
| ECMC Table 915-1 Limits | | <1.25 x local background | 250 or <1.25 x local background | 250 or <1.25 x local background |
| MW-1 | 01/12/24 | 924 | 208 | 172 |
| | 04/11/24 | 1350 | 244 | 232 |
| | 07/03/24 | 1190 | 246 | 265 |
| MW-2 | 01/12/24 | 902 | 178 | 189 |
| | 04/11/24 | 1110 | 215 | 210 |
| | 07/03/24 | 1150 | 111 | 243 |
| MW-3 | 01/12/24 | 1020 | 202 | 243 |
| | 04/11/24 | 1260 | 226 | 248 |
| | 07/03/24 | 1200 | 235 | 282 |
| MW-4 | 01/12/24 | 870 | 191 | 182 |
| | 04/11/24 | 1160 | 227 | 217 |
| | 07/03/24 | 1400 | 305 | 280 |
| MW-5 | 01/12/24 | 822 | 206 | 165 |
| | 04/11/24 | 1350 | 261 | 232 |
| | 07/03/24 | 1110 | 233 | 209 |

Bold face values exceed the COGCC limits

MW-1 is the upgradient well

Yellow highlighted 915-1 Limits indicate the referenced groundwater screening level

NP - No measurable LNAPL, NA - Not Analyzed, INA - Inaccessible, IW - Insufficient Water, DES - Destroyed

TABLE 4
SUMMARY OF SELENIUM (Se) CONCENTRATIONS IN EXCAVATED SOILS CALCULATION (BASED ON REPORTED SPILL VOLUME)
PDC ENERGY INC.
PHELPS SEPARATOR
FREMONT PROJECT NO. C023-287

Compare Mass of Selenium (Se) Excavated to Selenium Released

| | |
|---|---------------|
| Selenium Removed During Excavation | 0.919 grams |
| Selenium Released Due to Spill | 0.00016 grams |
| Excess Selenium Removed During Excavation | 0.919 grams |

Therefore, approximately 5,743 times more Selenium were removed via excavation than were released

Calculation of Selenium Removed During Excavation

| Avg. Se Concentration in Excav. Soil Samples | Mass of Excavated Soil | Mass of Se in Exc. Soil |
|--|------------------------|-------------------------|
| 0.26 mg/kg | 3,538 kg | 0.919 grams |

Mass of excavated soil is: 3 cubic yards x 1.30 ton/CY = 3.9 tons = 3,538 kg

Six soil samples from the excavation were analyzed for Selenium; the average concentration was <0.26 mg/kg, therefore, use 0.26 mg/kg

Calculation of Selenium Released Due to Spill

| Produced H2O/Oil Release Volume (bbl) | Produced H2O/Oil Volume (L) | Se Concentration (ug/L) | Se Mass Released (mg) | Se Mass Released (g) |
|---------------------------------------|-----------------------------|-------------------------|--------------------------------------|----------------------|
| 1 | 158.987 | 1.00 | (1.00 ug/L x 158.987 L)/1000 0.16 | 0.00016 |

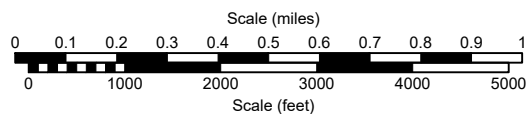
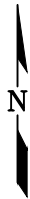
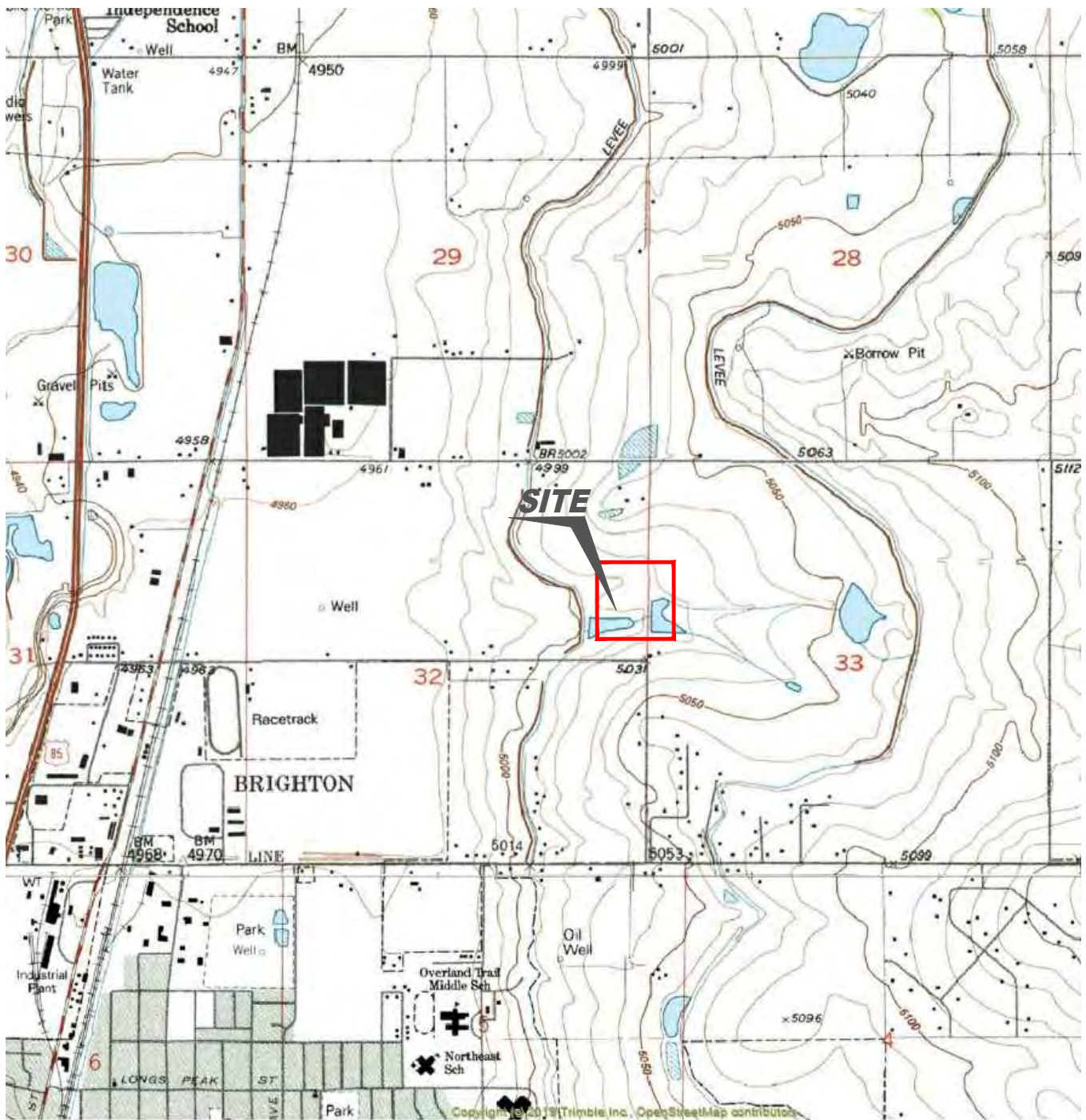
Volume of Produced Water Released: (1 bbl)(158.987 L/bbl) = 158.987 L

1 kg/L is weight of water

Se concentration in produced water sample was non-detect <1.00 ug/L (see lab report); therefore, use 1.00 ug/L

TABLE 5
SUMMARY OF TOTAL RECOVERABLE METALS IN PRODUCED WATER CHEMISTRY DATA
PDC ENERGY INC.
PHELPS SEPARATOR, ADAMS COUNTY, COLORADO
FREMONT PROJECT NO. C023-233

| Sample ID | Sample Date | Arsenic (ug/L) | Barium (ug/L) | Cadmium (ug/L) | Copper (ug/L) | Lead (ug/L) | Nickel (ug/L) | Selenium (ug/L) | Silver (ug/L) | Zinc (ug/L) |
|-----------|-------------|----------------|---------------|----------------|---------------|-------------|---------------|-----------------|---------------|-------------|
| PW | 2/28/2024 | 2.62 | 33,600 | 0.560 | 8.32 | <0.500 | 7.00 | <1.00 | 0.215 | 81.3 |



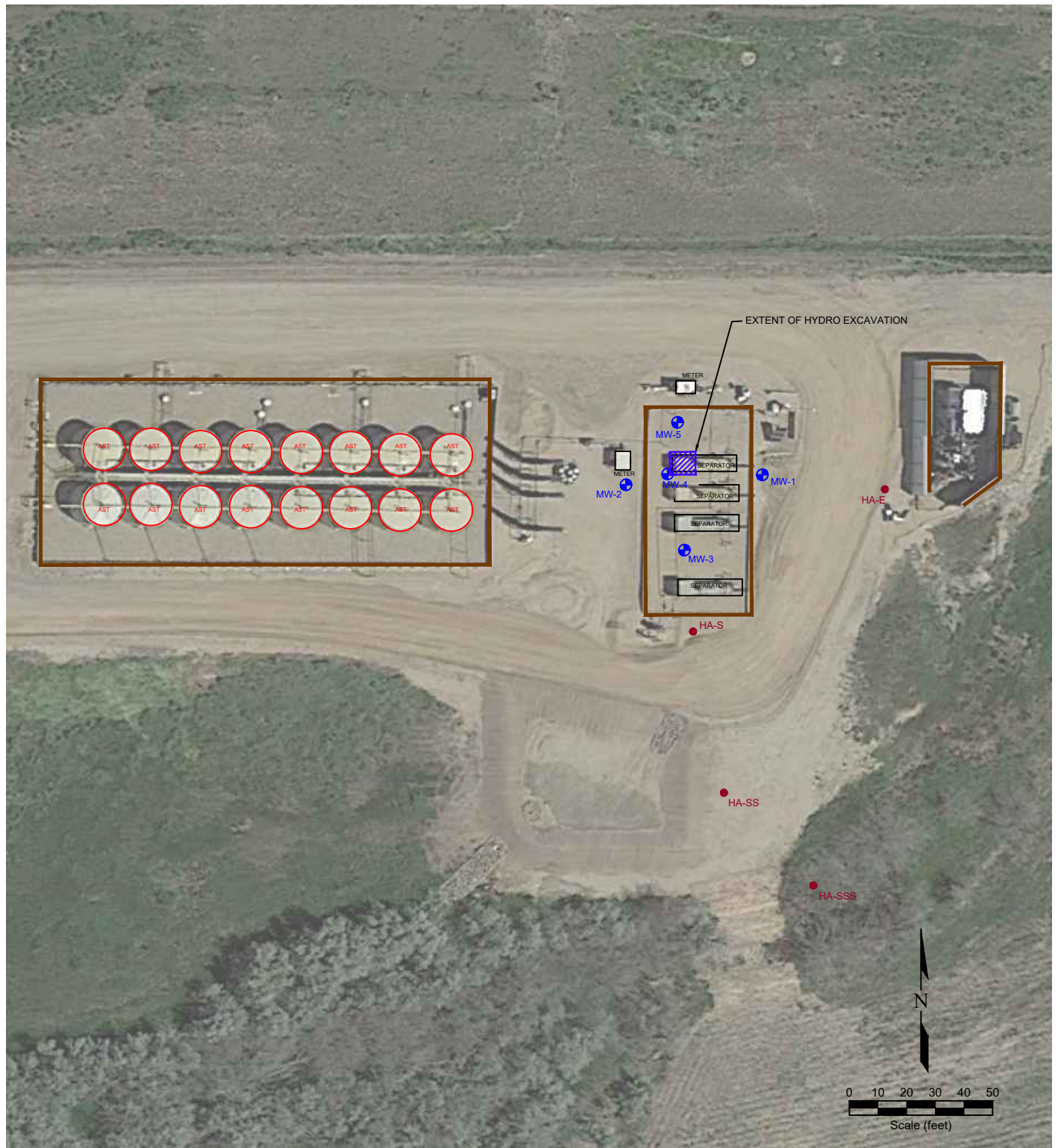
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

PDC ENERGY, INC. ~ PHELPS 11-32CHZ
SENE Section 32, T1N, R66W, 6th PM
Weld County, Colorado
40.01110°, -104.79257°

| | | |
|--------------------------------|---------------|-----------------------------|
| Project No. C023-233 | API # | Facility # 433548 |
| Date 7/15/24 | Remediation # | Filename 23233T |






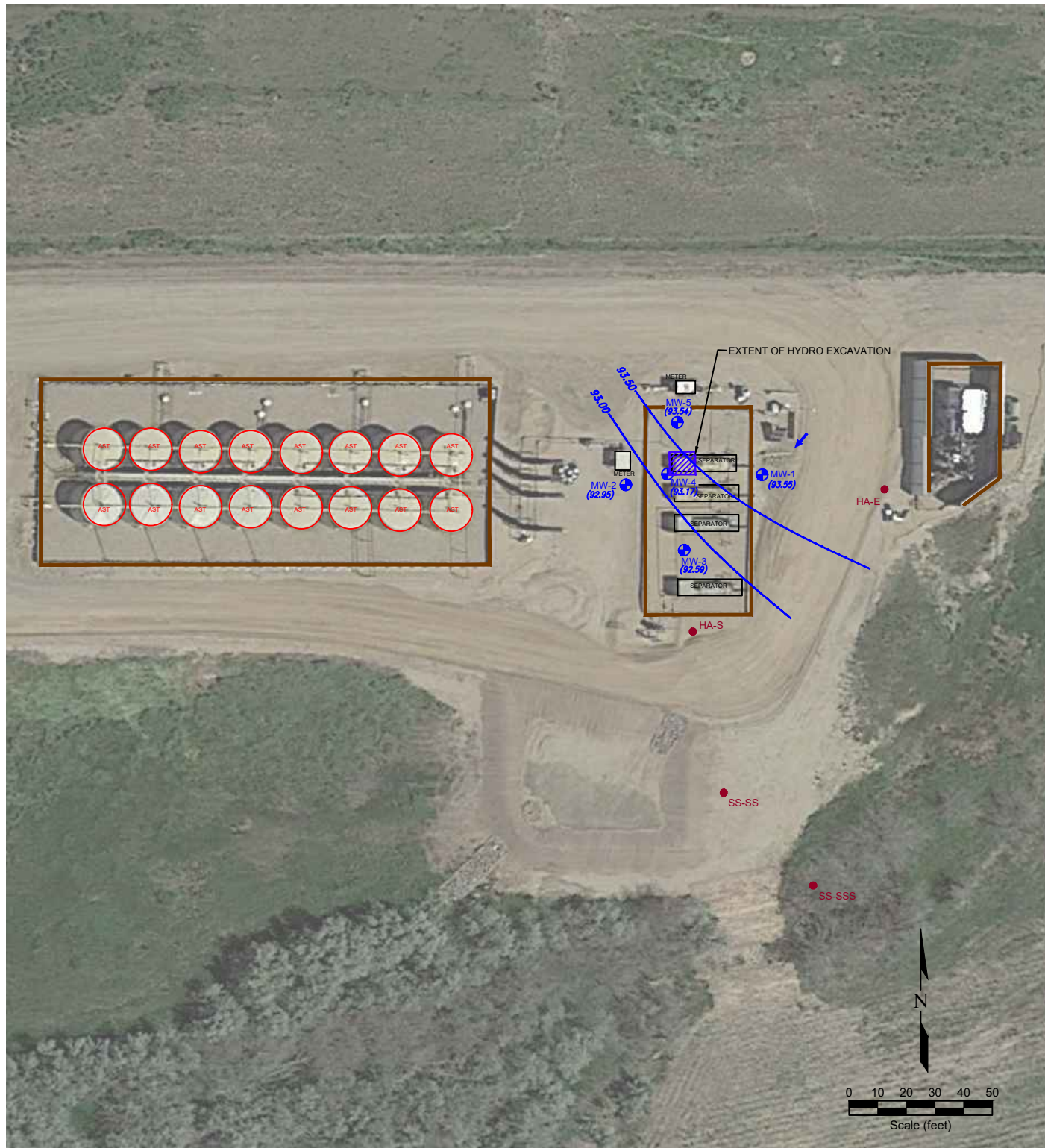
LEGEND

| | | | |
|----------------------------|-----------------------------|-----------------|----------------------|
| ● HAND AUGURED SOIL BORING | ■ HYDROEXCAVATION | FORMER FACILITY | CONTAINMENT BERM |
| ● MONITORING WELL LOCATION | ○ ABOVE GROUND STORAGE TANK | BUILDING | CONTAINMENT WALL |
| | | | EXTENT OF EXCAVATION |
| | | | FENCE LINE |

Figure 2
SITE MAP

PDC ENERGY, INC. ~ PHELPS 11-32CHZ
SENE Section 32, T1N, R66W, 6th PM
Weld County, Colorado
40.01110°, -104.79257°

| | | | |
|--------------------------------|---------------|-----------------------------|---|
| Project No. C023-233 | API # | Facility # 433548 |  |
| Date 7/15/24 | Remediation # | Filename 23233Q | |



LEGEND

| | | | |
|---|---|-----------------|----------------------|
| ● HAND AUGURED SOIL BORING | ▨ HYDROEXCAVATION | FORMER FACILITY | CONTAINMENT BERM |
| ● MONITORING WELL LOCATION | ○ ABOVE GROUND STORAGE TANK | BUILDING | CONTAINMENT WALL |
| | | | EXTENT OF EXCAVATION |
| | | | FENCE LINE |
| <div> <div>92.00</div> <div>NM</div> </div> | GROUND WATER ELEVATION (ft above arbitrary datum) | | |
| | NOT MEASURED | | |
| <div> <div>92.00</div> <div>→</div> </div> | WATER TABLE CONTOUR | | |
| | GROUND WATER FLOW DIRECTION | | |

Figure 3

INFERRED GROUNDWATER CONTOUR MAP July 3, 2024

PDC ENERGY, INC. ~ PHELPS 11-32CHZ
SENE Section 32, T1N, R66W, 6th PM
Weld County, Colorado
40.01110°, -104.79257°

Project No.
C023-233

API #

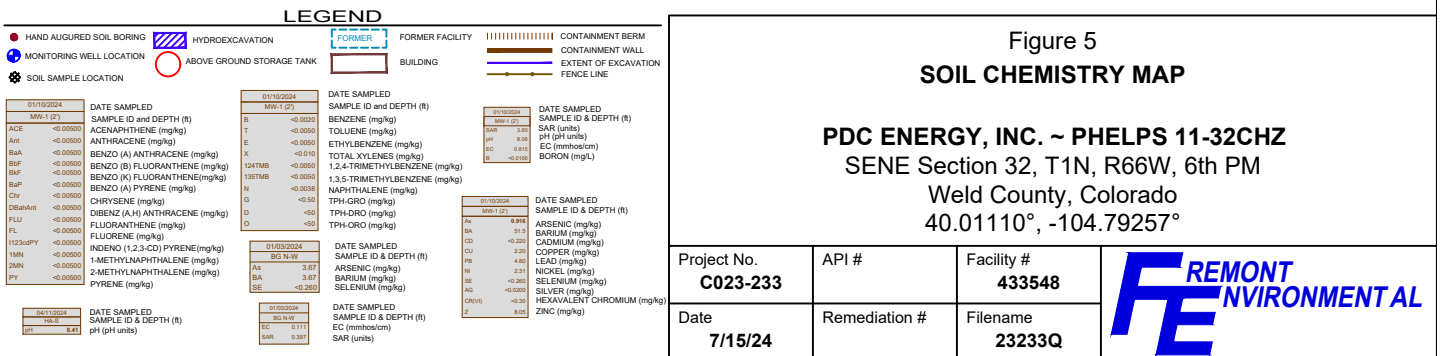
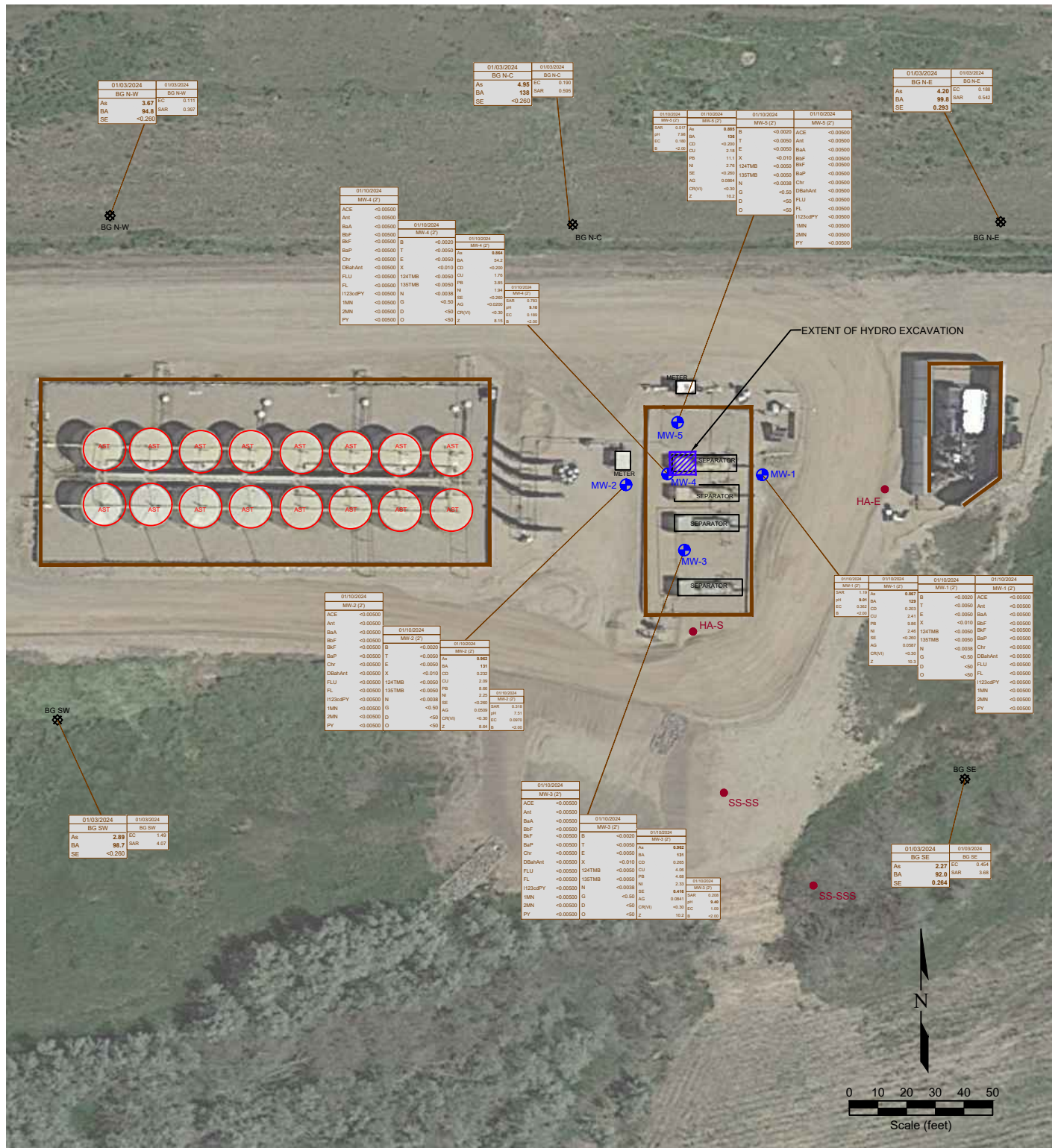
Facility #
433548

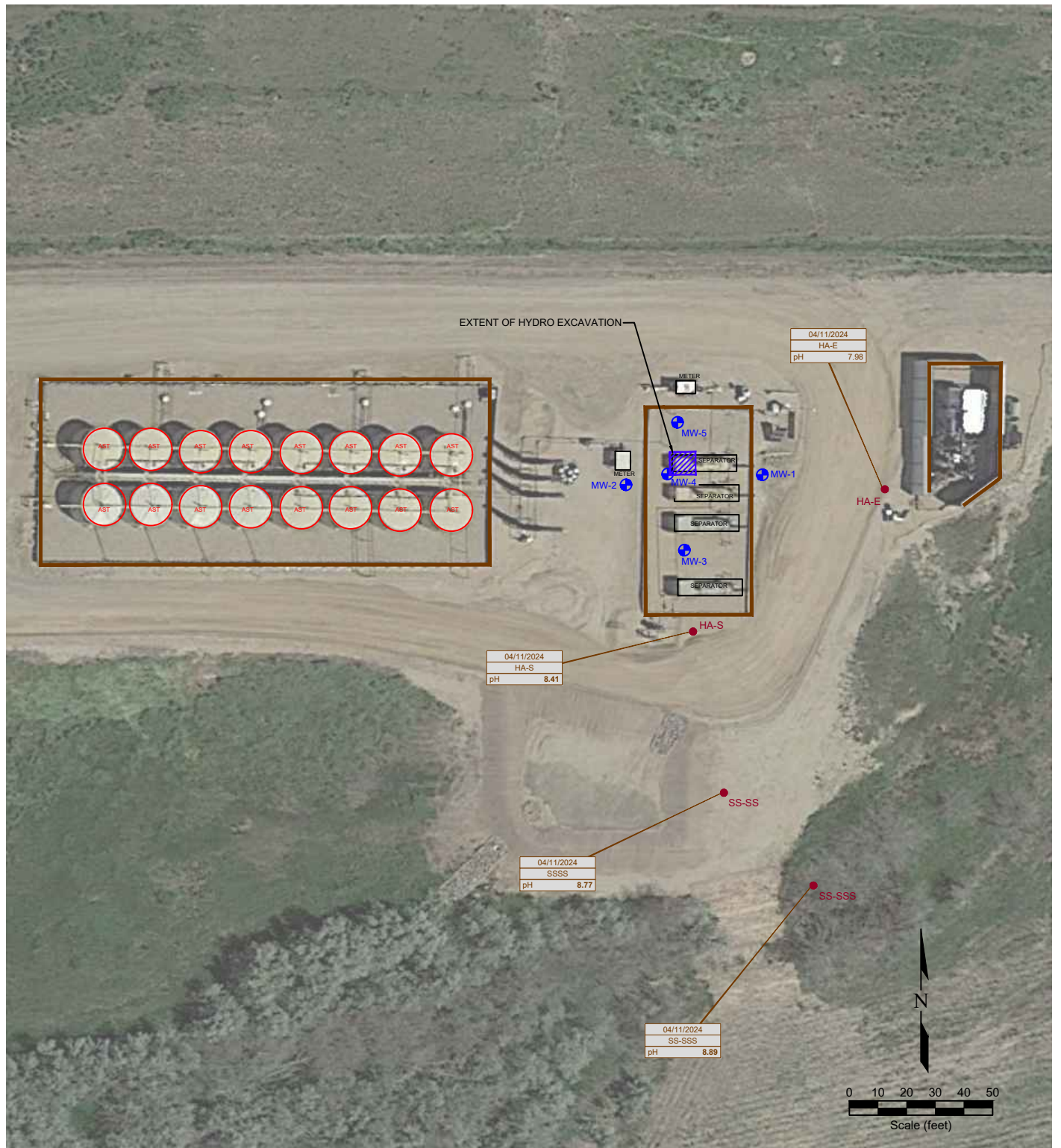
Date
7/15/24

Remediation #

Filename
23233Q








LEGEND

| | | | |
|----------------------------|-----------------------------|-----------------|----------------------|
| ● HAND AUGURED SOIL BORING | ■ HYDROEXCAVATION | FORMER FACILITY | CONTAINMENT BERM |
| ● MONITORING WELL LOCATION | ○ ABOVE GROUND STORAGE TANK | BUILDING | CONTAINMENT WALL |
| | | | EXTENT OF EXCAVATION |
| | | | FENCE LINE |

| | |
|------------|------------------------|
| 04/11/2024 | DATE SAMPLED |
| HA-S | SAMPLE ID & DEPTH (ft) |
| pH 8.41 | pH (pH units) |

Figure 6
pH SOIL CHEMISTRY MAP

PDC ENERGY, INC. ~ PHELPS 11-32CHZ
SENE Section 32, T1N, R66W, 6th PM
Weld County, Colorado
40.01110°, -104.79257°

| | | | |
|--------------------------------|---------------|-----------------------------|---|
| Project No. C023-233 | API # | Facility # 433548 |  |
| Date 7/15/24 | Remediation # | Filename 23233Q | |

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

March 11, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

Wellington, CO 80549

RE: PDC - Phelps Separator

Work Order #2402546

Enclosed are the results of analyses for samples received by Summit Scientific on 02/29/24 17:40. 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: PDC - Phelps Separator

Project Number: [none]

Project Manager: Paul Henchan

Reported:

03/11/24 09:54

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| PW | 2402546-01 | Water | 02/28/24 00:00 | 02/29/24 17:40 |

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

2402546

Page 1 of 1

Client: Fremont Environmental Inc.

Project Manager: Paul Henehan

Address:

E-Mail: PDC TEAM

City/State/Zip:

Phone:

Project Name: PHELPS SEPARATOR

Sampler Name: HENEHAN

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 | GBTEXN+TMBs | DRO,RRO | PAHs | pH, EC, SAR | Boron | 9/5-1 metals | Arsenic | BTEXN + TMBs | TDS, Cl, Su | TOTAL METALS |
| 1 | PW | 2/28/24 | | 1 | | | ✓ | | ✓ | | | | | | | | | | | | ✓ | |
| 2 | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|------------------|--------------|--------------|--------------|---------------------------|----------|--------|
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Turn Around Time | (Check) | Notes: |
| MAFE | 2/29/24 1730 | [Signature] | 2/29/24 1740 | Same Day | 72 hours | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 24 hours | Standard | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 48 hours | | |
| | | | | Sample Integrity: | | |
| | | | | Temperature Upon Receipt: | | 10.0 |
| | | | | Samples Intact: | | Yes No |

S₂

Sample Receipt Checklist

S2 Work Order# 2402546Client: FremontClient Project ID: Phelps SeparatorShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐

Airbill #: _____

| | | | | |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply)

Air ☐Soil/Solid ☐Water ☒Other ☐

Temp (°C)

10.0

Thermometer #

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

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

2/29/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
03/11/24 09:54

PW
2402546-01 (Water)

Summit Scientific

Total Recoverable Metals by EPA Method 200.8

Date Sampled: **02/28/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Arsenic | 2.62 | 0.600 | | ug/l | 1 | BHC0076 | 03/05/24 | 03/07/24 | EPA 200.8 | |
| Barium | 33600 | 1.00 | | " | " | " | " | " | " | |
| Cadmium | 0.560 | 0.0500 | | " | " | " | " | " | " | |
| Copper | 8.32 | 1.00 | | " | " | " | " | " | " | |
| Lead | ND | 0.500 | | " | " | " | " | " | " | |
| Nickel | 7.00 | 1.00 | | " | " | " | " | " | " | |
| Selenium | ND | 1.00 | | " | " | " | " | " | " | |
| Silver | 0.215 | 0.0500 | | " | " | " | " | " | " | |
| Zinc | 81.3 | 1.00 | | " | " | " | " | " | " | |

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
03/11/24 09:54

Total Recoverable Metals by EPA Method 200.8 - Quality Control

Summit Scientific

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

Batch BHC0076 - EPA 200.8

Blank (BHC0076-BLK1)

Prepared: 03/05/24 Analyzed: 03/07/24

| | | | |
|----------|----|--------|------|
| Arsenic | ND | 0.600 | ug/l |
| Barium | ND | 1.00 | " |
| Cadmium | ND | 0.0500 | " |
| Copper | ND | 1.00 | " |
| Lead | ND | 0.500 | " |
| Nickel | ND | 1.00 | " |
| Selenium | ND | 1.00 | " |
| Silver | ND | 0.0500 | " |
| Zinc | ND | 1.00 | " |

LCS (BHC0076-BS1)

Prepared: 03/05/24 Analyzed: 03/07/24

| | | | | | | |
|----------|------|--------|------|------|------|--------|
| Arsenic | 485 | 0.600 | ug/l | 500 | 97.0 | 85-115 |
| Barium | 494 | 1.00 | " | 500 | 98.7 | 85-115 |
| Cadmium | 24.0 | 0.0500 | " | 25.0 | 95.8 | 85-115 |
| Copper | 505 | 1.00 | " | 500 | 101 | 85-115 |
| Lead | 247 | 0.500 | " | 250 | 98.6 | 85-115 |
| Nickel | 498 | 1.00 | " | 500 | 99.6 | 85-115 |
| Selenium | 46.7 | 1.00 | " | 50.0 | 93.4 | 85-115 |
| Silver | 24.5 | 0.0500 | " | 25.0 | 97.9 | 85-115 |
| Zinc | 492 | 1.00 | " | 500 | 98.4 | 85-115 |

Duplicate (BHC0076-DUP1)

Source: 2402545-01

Prepared: 03/05/24 Analyzed: 03/07/24

| | | | | | | | |
|----------|-------|--------|------|-------|-------|----|-------|
| Arsenic | 3.34 | 0.600 | ug/l | 3.49 | 4.39 | 20 | |
| Barium | 12700 | 1.00 | " | 12900 | 1.54 | 20 | |
| Cadmium | 0.260 | 0.0500 | " | 0.205 | 23.7 | 20 | QR-01 |
| Copper | 42.0 | 1.00 | " | 44.5 | 5.88 | 20 | |
| Lead | 1.94 | 0.500 | " | 2.00 | 3.05 | 20 | |
| Nickel | 28.3 | 1.00 | " | 29.0 | 2.49 | 20 | |
| Selenium | 0.170 | 1.00 | " | 0.135 | 23.0 | 20 | QR-01 |
| Silver | 0.685 | 0.0500 | " | 0.670 | 2.21 | 20 | |
| Zinc | 247 | 1.00 | " | 248 | 0.408 | 20 | |

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
03/11/24 09:54

Total Recoverable Metals by EPA Method 200.8 - Quality Control

Summit Scientific

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

Batch BHC0076 - EPA 200.8

Matrix Spike (BHC0076-MS1)

Source: 2402545-01

Prepared: 03/05/24 Analyzed: 03/07/24

| | | | | | | | | | |
|----------|-------|--------|------|------|-------|------|--------|--|--|
| Arsenic | 596 | 0.600 | ug/l | 500 | 3.49 | 119 | 70-130 | | |
| Barium | 13300 | 1.00 | " | 500 | 12900 | 79.8 | 70-130 | | |
| Cadmium | 23.1 | 0.0500 | " | 25.0 | 0.205 | 91.7 | 70-130 | | |
| Copper | 454 | 1.00 | " | 500 | 44.5 | 81.9 | 70-130 | | |
| Lead | 255 | 0.500 | " | 250 | 2.00 | 101 | 70-130 | | |
| Nickel | 446 | 1.00 | " | 500 | 29.0 | 83.3 | 70-130 | | |
| Selenium | 36.6 | 1.00 | " | 50.0 | 0.135 | 72.9 | 70-130 | | |
| Silver | 23.4 | 0.0500 | " | 25.0 | 0.670 | 91.1 | 70-130 | | |
| Zinc | 648 | 1.00 | " | 500 | 248 | 80.0 | 70-130 | | |

Matrix Spike Dup (BHC0076-MSD1)

Source: 2402545-01

Prepared: 03/05/24 Analyzed: 03/07/24

| | | | | | | | | | |
|----------|-------|--------|------|------|-------|------|--------|--------|----|
| Arsenic | 593 | 0.600 | ug/l | 500 | 3.49 | 118 | 70-130 | 0.484 | 25 |
| Barium | 13300 | 1.00 | " | 500 | 12900 | 80.3 | 70-130 | 0.0188 | 25 |
| Cadmium | 22.6 | 0.0500 | " | 25.0 | 0.205 | 89.7 | 70-130 | 2.19 | 25 |
| Copper | 440 | 1.00 | " | 500 | 44.5 | 79.0 | 70-130 | 3.24 | 25 |
| Lead | 254 | 0.500 | " | 250 | 2.00 | 101 | 70-130 | 0.539 | 25 |
| Nickel | 430 | 1.00 | " | 500 | 29.0 | 80.3 | 70-130 | 3.51 | 25 |
| Selenium | 35.3 | 1.00 | " | 50.0 | 0.135 | 70.2 | 70-130 | 3.73 | 25 |
| Silver | 22.8 | 0.0500 | " | 25.0 | 0.670 | 88.5 | 70-130 | 2.75 | 25 |
| Zinc | 625 | 1.00 | " | 500 | 248 | 75.4 | 70-130 | 3.63 | 25 |

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
03/11/24 09:54

Notes and Definitions

| | |
|-------|---|
| QR-01 | Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results. |
| 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 |



July 11, 2024

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - PDC - Phelps

Project Number - [none]

Attached are your analytical results for PDC - Phelps received by Origins Laboratory, Inc. July 03, 2024. This project is associated with Origins project number Y407149-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-------------------|------------------|
| MW-1 | Y407149-01 | Water | July 3, 2024 0:00 | 07/03/2024 17:05 |
| MW-2 | Y407149-02 | Water | July 3, 2024 0:00 | 07/03/2024 17:05 |
| MW-3 | Y407149-03 | Water | July 3, 2024 0:00 | 07/03/2024 17:05 |
| MW-4 | Y407149-04 | Water | July 3, 2024 0:00 | 07/03/2024 17:05 |
| MW-5 | Y407149-05 | Water | July 3, 2024 0:00 | 07/03/2024 17:05 |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

ORIGINS WORK ORDER #
4407449

Page 1 of 1

Client: Fremont / PDC
Address: _____
Telephone Number: _____
Email Address: _____

Project Manager: Paul Henehan
Project Name: PDC - Phelps
Project Number: _____
Collected By: Henehan
Invoice/Billing Info: _____

Key:
W= Water
GW=Groundwater
SW=Surface Water
WW=Waste Water
L=Liquid

S-Soil | SO-Solid | O-Oil | A-Air | G-Gas | UW=Unpres | HCL= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

| # | Sample ID | Date | Time | Sampled | # of Containers | Matrix | Preservative | Analysis | | Comments |
|----|-----------|--------|------|---------|-----------------|--------|--------------|-------------------------|-----------------------------------|----------|
| | | | | | | | | 15 VOCs BTEX, THM | 915-1 INORGANIC IDS, CL, SO | |
| 1 | MW-1 | 7/3/24 | 3 | | | | | | | |
| 2 | MW-2 | | | | | | | | | |
| 3 | MW-3 | | | | | | | | | |
| 4 | MW-4 | | | | | | | | | |
| 5 | MW-5 | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

Requisitioned By: Paul Henehan Date: 7/3/24 Time: _____
Received By: Paul Henehan Date: 07/03/24 Time: 1545
Requisitioned By: Paul Henehan Date: 07/03/24 Time: 1705
Received By: Paul Henehan Date: 07/03/24 Time: 1705

For Lab Sample Receiving Only:
Temp Received: 6.9°C Received On Ice? ☐ Yes ☐ No
☒ Standard

Origins Laboratory, Inc.
J. Bynon

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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Origins Laboratory F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 4607149 Client: Fremont
Client Project ID: PDC-Phelps

Checklist Completed by: JH/STO Shipped Via: _____
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 7/15/12 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid ☒ Water ☐ Other: _____
Cooler Number/Temperature: 1 6.9 °C / _____ °C / _____ °C (Describe) _____ °C
Thermometer ID: 1005

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | <u>SD</u> |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) - (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Additional Comments (if any): | | | | |

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AB

7/18/12
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

MW-1

7/3/2024 12:00:00AM

| Analyte | Result | Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|

Origins Laboratory, Inc.

Y407149-01 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|------|------|-----|---------|-----|------------|------------|--|
| Chloride | 246 | 31.2 | mg/L | 125 | B4G0814 | DLT | 07/08/2024 | 07/08/2024 | |
| Sulfate | 265 | 31.2 | " | " | " | DLT | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G0548 | HKS | 07/05/2024 | 07/08/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

Surrogate: 1,2-Dichloroethane-d4

101 % 70-130

"

"

"

Surrogate: Toluene-d8

103 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

110 % 70-130

"

"

"

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|
| Total Dissolved Solids | 1190 | 5.00 | mg/L | 1 | B4G0530 | KRM | 07/05/2024 | 07/10/2024 | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

MW-2

7/3/2024 12:00:00AM

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

Origins Laboratory, Inc. Y407149-02 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|------|------|-----|---------|-----|------------|------------|--|
| Chloride | 111 | 31.2 | mg/L | 125 | B4G0814 | DLT | 07/08/2024 | 07/08/2024 | |
| Sulfate | 243 | 31.2 | " | " | " | DLT | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G0548 | HKS | 07/05/2024 | 07/08/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

Surrogate: 1,2-Dichloroethane-d4

101 % 70-130

"

"

"

Surrogate: Toluene-d8

112 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

106 % 70-130

"

"

"

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|
| Total Dissolved Solids | 1150 | 5.00 | mg/L | 1 | B4G0530 | KRM | 07/05/2024 | 07/10/2024 | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

MW-3

7/3/2024 12:00:00AM

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

Origins Laboratory, Inc. Y407149-03 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|------|------|-----|---------|-----|------------|------------|--|
| Chloride | 235 | 31.2 | mg/L | 125 | B4G0814 | DLT | 07/08/2024 | 07/08/2024 | |
| Sulfate | 282 | 31.2 | " | " | " | DLT | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G0548 | HKS | 07/05/2024 | 07/08/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

Surrogate: 1,2-Dichloroethane-d4

90.0 % 70-130

"

"

"

Surrogate: Toluene-d8

111 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

117 % 70-130

"

"

"

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|
| Total Dissolved Solids | 1200 | 5.00 | mg/L | 1 | B4G0530 | KRM | 07/05/2024 | 07/10/2024 | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

MW-4

7/3/2024 12:00:00AM

| Analyte | Result | Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|

Origins Laboratory, Inc.

Y407149-04 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|------|------|-----|---------|-----|------------|------------|--|
| Chloride | 305 | 31.2 | mg/L | 125 | B4G0814 | DLT | 07/08/2024 | 07/08/2024 | |
| Sulfate | 280 | 31.2 | " | " | " | DLT | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G0548 | HKS | 07/05/2024 | 07/08/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

Surrogate: 1,2-Dichloroethane-d4

95.4 % 70-130

"

"

"

Surrogate: Toluene-d8

109 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

116 % 70-130

"

"

"

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|
| Total Dissolved Solids | 1400 | 5.00 | mg/L | 1 | B4G0530 | KRM | 07/05/2024 | 07/10/2024 | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

MW-5

7/3/2024 12:00:00AM

| Analyte | Result | Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-------|-------|----------|-------|---------|----------|----------|-------|

Origins Laboratory, Inc. Y407149-05 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|------|------|-----|---------|-----|------------|------------|--|
| Chloride | 233 | 31.2 | mg/L | 125 | B4G0814 | DLT | 07/08/2024 | 07/08/2024 | |
| Sulfate | 209 | 31.2 | " | " | " | DLT | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G0548 | HKS | 07/05/2024 | 07/08/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

Surrogate: 1,2-Dichloroethane-d4

92.1 % 70-130

"

"

"

Surrogate: Toluene-d8

109 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

113 % 70-130

"

"

"

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|
| Total Dissolved Solids | 1110 | 5.00 | mg/L | 1 | B4G0837 | KRM | 07/08/2024 | 07/10/2024 | |
|------------------------|------|------|------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B4G0548 - EPA 5030B (Water) | | | | | | | | | | |
| Blank (B4G0548-BLK1) | | | | | Prepared: 07/05/2024 Analyzed: 07/08/2024 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 2.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 99.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 69 | | " | 62.5 | | 110 | 70-130 | | | |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B4G0548 - EPA 5030B (Water) | | | | | | | | | | |
| LCS (B4G0548-BS1) | | | | | Prepared: 07/05/2024 Analyzed: 07/08/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 45.5 | 2.00 | ug/L | 50.0 | | 91.0 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 45.1 | 2.00 | " | 50.0 | | 90.3 | 70-130 | | | |
| Benzene | 43.1 | 1.00 | " | 50.0 | | 86.2 | 70-130 | | | |
| Ethylbenzene | 45.0 | 1.00 | " | 50.0 | | 89.9 | 70-130 | | | |
| m,p-Xylene | 102 | 2.00 | " | 100 | | 102 | 70-130 | | | |
| Naphthalene | 44.2 | 2.00 | " | 50.0 | | 88.3 | 70-130 | | | |
| o-Xylene | 45.5 | 1.00 | " | 50.0 | | 90.9 | 70-130 | | | |
| Toluene | 44.2 | 1.00 | " | 50.0 | | 88.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | | 104 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 100 | 70-130 | | | |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|--------------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B4G0548 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike (B4G0548-MS1) | | Source: Y407052-01 | | | Prepared: 07/05/2024 Analyzed: 07/08/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 52.6 | 2.00 | ug/L | 50.0 | ND | 105 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 52.6 | 2.00 | " | 50.0 | ND | 105 | 70-130 | | | |
| Benzene | 39.2 | 1.00 | " | 50.0 | ND | 78.4 | 70-130 | | | |
| Ethylbenzene | 53.2 | 1.00 | " | 50.0 | ND | 106 | 70-130 | | | |
| m,p-Xylene | 122 | 2.00 | " | 100 | ND | 122 | 70-130 | | | |
| Naphthalene | 38.0 | 2.00 | " | 50.0 | 0.140 | 75.7 | 70-130 | | | |
| o-Xylene | 51.6 | 1.00 | " | 50.0 | ND | 103 | 70-130 | | | |
| Toluene | 45.6 | 1.00 | " | 50.0 | ND | 91.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 54 | | " | 62.5 | | 85.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 69 | | " | 62.5 | | 110 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 65 | | " | 62.5 | | 105 | 70-130 | | | |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------------------------|-----------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch B4G0548 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike Dup (B4G0548-MSD1) | Source: Y407052-01 | | | | Prepared: 07/05/2024 Analyzed: 07/08/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 44.5 | 2.00 | ug/L | 50.0 | ND | 89.0 | 70-130 | 16.7 | 20 | |
| 1,3,5-Trimethylbenzene | 44.3 | 2.00 | " | 50.0 | ND | 88.6 | 70-130 | 17.2 | 20 | |
| Benzene | 36.2 | 1.00 | " | 50.0 | ND | 72.4 | 70-130 | 7.96 | 20 | |
| Ethylbenzene | 43.5 | 1.00 | " | 50.0 | ND | 86.9 | 70-130 | 20.2 | 20 | QR-02 |
| m,p-Xylene | 99.3 | 2.00 | " | 100 | ND | 99.3 | 70-130 | 20.1 | 20 | QR-02 |
| Naphthalene | 43.3 | 2.00 | " | 50.0 | 0.140 | 86.3 | 70-130 | 13.0 | 20 | |
| o-Xylene | 43.9 | 1.00 | " | 50.0 | ND | 87.8 | 70-130 | 16.0 | 20 | |
| Toluene | 41.8 | 1.00 | " | 50.0 | ND | 83.5 | 70-130 | 8.70 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 60 | | " | 62.5 | | 95.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 69 | | " | 62.5 | | 111 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.8 | 70-130 | | | |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

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

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

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

Batch B4G0530 - NO PREP

Blank (B4G0530-BLK1)

Prepared: 07/05/2024 Analyzed: 07/10/2024

Total Dissolved Solids ND 5.00 mg/L

LCS (B4G0530-BS1)

Prepared: 07/05/2024 Analyzed: 07/10/2024

Total Dissolved Solids 992 5.00 mg/L 1040 95.4 90-110

Duplicate (B4G0530-DUP1)

Source: Y407132-03

Prepared: 07/05/2024 Analyzed: 07/10/2024

Total Dissolved Solids 1180 5.00 mg/L 1220 3.32 10

Batch B4G0814 - Filter .45um non acidified

Blank (B4G0814-BLK1)

Prepared: 07/08/2024 Analyzed: 07/08/2024

Chloride ND 0.250 mg/L

Sulfate ND 0.250 "

LCS (B4G0814-BS1)

Prepared: 07/08/2024 Analyzed: 07/08/2024

Chloride 3.96 0.250 mg/L 4.00 98.9 90-110

Sulfate 4.08 0.250 " 4.00 102 90-110

Matrix Spike (B4G0814-MS1)

Source: Y407149-01

Prepared: 07/08/2024 Analyzed: 07/08/2024

Chloride 732 mg/L 500 246 97.1 90-110

Sulfate 765 " 500 265 99.9 90-110

Matrix Spike Dup (B4G0814-MSD1)

Source: Y407149-01

Prepared: 07/08/2024 Analyzed: 07/08/2024

Origins Laboratory, Inc.

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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|---|-------------|---|------|-------------|-------|-----------|-------|
| Batch B4G0814 - Filter .45um non acidified | | | | | | | | | | |
| Matrix Spike Dup (B4G0814-MSD1) | | | Source: Y407149-01 | | Prepared: 07/08/2024 Analyzed: 07/08/2024 | | | | | |
| Chloride | 733 | | mg/L | 500 | 246 | 97.3 | 90-110 | 0.154 | 5 | |
| Sulfate | 768 | | " | 500 | 265 | 101 | 90-110 | 0.424 | 5 | |
| Batch B4G0837 - NO PREP | | | | | | | | | | |
| Blank (B4G0837-BLK1) | | | Prepared: 07/08/2024 Analyzed: 07/10/2024 | | | | | | | |
| Total Dissolved Solids | ND | 5.00 | mg/L | | | | | | | |
| LCS (B4G0837-BS1) | | | Prepared: 07/08/2024 Analyzed: 07/10/2024 | | | | | | | |
| Total Dissolved Solids | 1010 | 5.00 | mg/L | 1040 | | 97.3 | 90-110 | | | |
| Duplicate (B4G0837-DUP1) | | | Source: Y407149-05 | | Prepared: 07/08/2024 Analyzed: 07/10/2024 | | | | | |
| Total Dissolved Solids | 1060 | 5.00 | mg/L | | 1110 | | | 5.35 | 10 | |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Notes and Definitions

U Sample is Non-Detect.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 26, 2024

Paul Henchan

Fremont Environmental

PO Box 1289

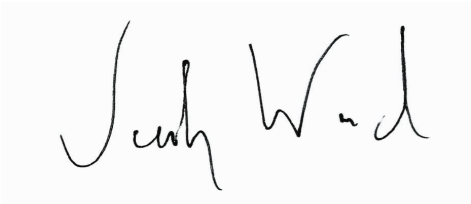
Wellington, CO 80549

RE: PDC - Phelps Separator

Work Order #2406184

Enclosed are the results of analyses for samples received by Summit Scientific on 06/13/24 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "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: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henehan

Reported:
06/26/24 16:18

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS-55 2FT | 2406184-01 | Soil | 06/11/24 00:00 | 06/13/24 17:30 |

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.

Summit Scientific

S₂

2406184

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

Page 1 of 1

Client: Fremont Environmental Inc. Project Manager: Paul Henchan
Address: E-Mail: PDC TEAM
City/State/Zip: Project Name: PHELPS SEPARATOR
Phone: Project Number:
Sampler Name: HENEHAN

| 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 | GBTEXN+TMBs | DRO,RRO | PAHs | pH, EC, SR | Boron | 915-1 metals | Arsenic | BTEXN + TMBs | TDS, Cl, Su | | | | |
| 1 | SS-SS 2 FT | 6/11/24 | | 1 | | | ✓ | | | ✓ | | | | | | | ✓ | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|-------------------------------|-------------------------|---------------------------------|-------------------------|--|--------|
| Relinquished by: <i>MA/RE</i> | Date/Time: 6/13/24 1730 | Received by: <i>[Signature]</i> | Date/Time: 6/13/24 1730 | Turn Around Time (Check) Same Day <input type="checkbox"/> 12 hours <input checked="" type="checkbox"/> X 24 hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 hours <input type="checkbox"/> | Notes: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Sample Integrity: Temperature Upon Receipt: 8.1 Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2406184Client: FremontClient Project ID: Phelps SeparatorShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐

Airbill #: _____

| | | | | |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply)

Air

☐

Soil/Solid

☒

Water

☐

Other

☐

Temp (°C)

8.1

Thermometer #

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</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"/> | <u>72 hrs</u> |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>no sample times</u> |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |
| | | | | |

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

Custodian Printed Name

6/13/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/26/24 16:18

SS-55 2FT
2406184-01 (Soil)

Summit Scientific

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

Date Sampled: **06/11/24 00:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|--|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| pH | 8.77 | | | pH Units | 1 | BHF0451 | 06/17/24 | 06/17/24 | EPA 9045D | |

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/26/24 16:18

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

Summit Scientific

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

Batch BHF0451 - General Preparation

LCS (BHF0451-BS1)

Prepared & Analyzed: 06/17/24

| | | | | | |
|----|------|----------|------|-----|--------|
| pH | 9.21 | pH Units | 9.18 | 100 | 95-105 |
|----|------|----------|------|-----|--------|

Duplicate (BHF0451-DUP1)

Source: 2404268-05

Prepared & Analyzed: 06/17/24

| | | | | | |
|----|------|----------|------|------|----|
| pH | 7.45 | pH Units | 7.45 | 0.00 | 20 |
|----|------|----------|------|------|----|

Summit Scientific

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



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: PDC - Phelps Separator

Project Number: [none]
Project Manager: Paul Henchan

Reported:
06/26/24 16:18

Notes and Definitions

| | |
|-----|--|
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |



July 11, 2024

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - PDC - Phelps

Project Number - [none]

Attached are your analytical results for PDC - Phelps received by Origins Laboratory, Inc. July 03, 2024. This project is associated with Origins project number Y407147-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-------------------|------------------|
| SS-SSS | Y407147-01 | Soil | July 3, 2024 0:00 | 07/03/2024 17:05 |

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

ORIGINS
LABORATORY
INC

ORIGINS WORK ORDER #
440444

Page 1 of 1

Client: Fremont / PDC
Address: _____

Project Manager: HSN
Project Name: PDC - Phelps
Key: _____

Telephone Number: _____
Email Address: _____

Collected By: HEH
Invoice/Billing Info: _____
W=Water
GW=Groundwater
SW=Surface Water
WW=Waste Water
L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UNP=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

| # | Sample ID | Date Sampled | Time Sampled | # of Containers | Matrix | Preservative | Analysis | | | | | | | | | | Comments |
|----|-----------|--------------|--------------|-----------------|--------|--------------|----------|--|--|--|--|--|--|--|--|--|----------|
| | | | | | | | | | | | | | | | | | |
| 1 | SS-SSS | 7/3/24 | 1 | SOIL | | | | | | | | | | | | | PDC |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

Relinquished By: JK Date: 7/3/24 Time: _____
Received By: JK Date: 07/03/24 Time: 1545
Relinquished By: JK Date: 07/03/24 Time: 1705
Received By: JK Date: 7/16/24 Time: 1705

Temp Received: 6.9°C Received On Ice? ☒ Yes ☐ No

Turnaround Time
☒ 48 Hr ☐ 72 Hr
☐ SAME DAY

1725 Elk Place Denver, CO 80211 | # 303.433.1322 | originslab.com | For Lab Sample Receiving Only

Origins Laboratory, Inc.

J. Bynon

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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1
Effective Date: 01/09/12

Origins Work Order: 4407147

Client: Fremont

Client Project ID: PDC-Phelps

Checklist Completed by: JW/1/24

Shipped Via: 11D

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: N/A

Matrix(s) Received: (Check all that apply):

☒ Soil/Solid

☐ Water

☐ Other:

Cooler Number/Temperature: 1 / 10.9 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 1005

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|--------------------------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | | | | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <u>2</u> |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" 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"/> | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| For volatiles in water – is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Additional Comments (if any): | | | | |

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AB

7/8/24
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

SS-SSS

7/3/2024 12:00:00AM

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

Origins Laboratory, Inc.
Y407147-01 (Soil)

pH in Soil by 9045D

| | | | | | | | |
|----|------|----------|---|---------|-----|------------|------------|
| pH | 8.89 | pH Units | 1 | B4G0813 | EAL | 07/08/2024 | 07/08/2024 |
|----|------|----------|---|---------|-----|------------|------------|

Origins Laboratory, Inc.



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

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: [none]
Project: PDC - Phelps

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B4G0813 - Saturated Paste pH/EC

| | | | | | | | | | | |
|---------------------------------|------|---------------------------|----------|--|---|--|--|------|----|--|
| Duplicate (B4G0813-DUP1) | | Source: Y407104-08 | | | Prepared: 07/08/2024 Analyzed: 07/08/2024 | | | | | |
| pH | 7.19 | | pH Units | | 7.01 | | | 2.54 | 25 | |

Origins Laboratory, Inc.



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: [none]

Project: PDC - Phelps

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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.