

Tank Battery Closure Checklist

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

| | | | | | | | | | |
|---|--|----------------|--|------------------|--|------------------|----------------------------------|--|--|
| Additional attachments (optional): | | Pit Closure | | Wellhead Closure | | Flowline Closure | | Partially Buried Vault Closure 4/5/2021 | |
| Site Name & COGCC Facility Number: Dinner 6-34 330872 | | Date: 4/5/2021 | | | | | | Remediation Project #: 16768 | |
| Associated Wells: 05-123-19807 | | Age of Site: | | | | | | Number of Photos Attached: 3 | |
| Location: (GPS coordinates of southeaster berm) 40.339132 / -104.593291 | | | | | | | Estimated Facility Size (acres): | | |

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Site in good condition

USCS Soil Type: Silty Sandy CLAY Estimated Depth to Groundwater: >20'

Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
None observed

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 | Crude | | | | | | | | | |
| Size (barrels) | Unknown | | | | | | | | | |
| Age | Years | | | | | | | | | |
| Construction Material | Steel | | | | | | | | | |
| Tank type (AST/DPV, etc.) | AST | | | | | | | | | |
| Visual Integrity of Tank | Good | | | | | | | | | |
| Condition of tank fastening | Good | | | | | | | | | |
| PID Readings | | | | | | | | | | |
| Soil impacts present at valves or hatches? | None | | | | | | | | | |
| PID Readings | 11.1 | | | | | | | | | |
| Sample taken? Location/ Sample ID# | TB-SS-06 | | | | | | | | | |
| Photo Number(s) | See photolog | | | | | | | | | |

Other observations regarding tanks:

Tank in good condition

Separators

| | | | | | | | | | | |
|--|---------------|----------|--|--|--|--|--|--|--|--|
| Separator size | Unknown | | | | | | | | | |
| Vertical or Horizontal | Horizontal | | | | | | | | | |
| Age | Years | | | | | | | | | |
| Soil impacts present at valves or hatches? | None observed | | | | | | | | | |
| PID Readings | 21.5 | 35.6 | | | | | | | | |
| Sample taken? Location/ Sample ID# | TB-SS-01 | TB-SS-02 | | | | | | | | |
| Photo Number(s) | See photolog | | | | | | | | | |

Other observations regarding separators

Third Party Equipment

| | | | | | | | | | | |
|------|-------------|--|--|--|--|--|--|--|--|--|
| Type | Meter house | | | | | | | | | |
| Age | Years | | | | | | | | | |

| | | | | | | | | | |
|--|----------|----------|----------|--|--|--|--|--|--|
| Third Party <i>Owner</i> | | | | | | | | | |
| Removal Date | Unknown | | | | | | | | |
| Sample taken? <i>Location/ Sample</i> | | | | | | | | | |
| PID Readings | 110.5 | 16.6 | 173.1 | | | | | | |
| Photo Number(s) | TB-SS-03 | TB-SS-04 | TB-SS-05 | | | | | | |

Other Facility Equipment

| | | | | | |
|--|--|--|--|--|--|
| Equipment type | | | | | |
| Equipment <i>Condition</i> | | | | | |
| Age | | | | | |
| Soil impacts | | | | | |
| PID Readings | | | | | |
| Sample taken? <i>Location/ Sample</i> | | | | | |
| Photo Number(s) | | | | | |

Other observations regarding other facility or third party equipment:

Summary

Was impacted soil identified?

No

Yes - less than 10 cubic yards

Yes - more than 10 cubic yards

Total number of samples field screened: 6

Total number of samples collected: 2

Highest PID Reading: 173.1

Total number of samples submitted to lab for analysis: 2

If more than 10 cubic yards of impacted soil were observed:

Vertical extent:

Estimated spill volume:

Lateral extent:

Volume of soil removed:

Is additional investigation required?

Was groundwater encountered during the investigation?

No

Yes - not impacted or in contact with impacted soils

Yes - groundwater impacted and/or in contact with impacted soils

Measured depth to groundwater:

Was remedial groundwater removal conducted? Yes No

Date Groundwater was encountered:

Commencement date of removal:

Sheen on groundwater? Yes No

Volume of groundwater removed prior to sampling:

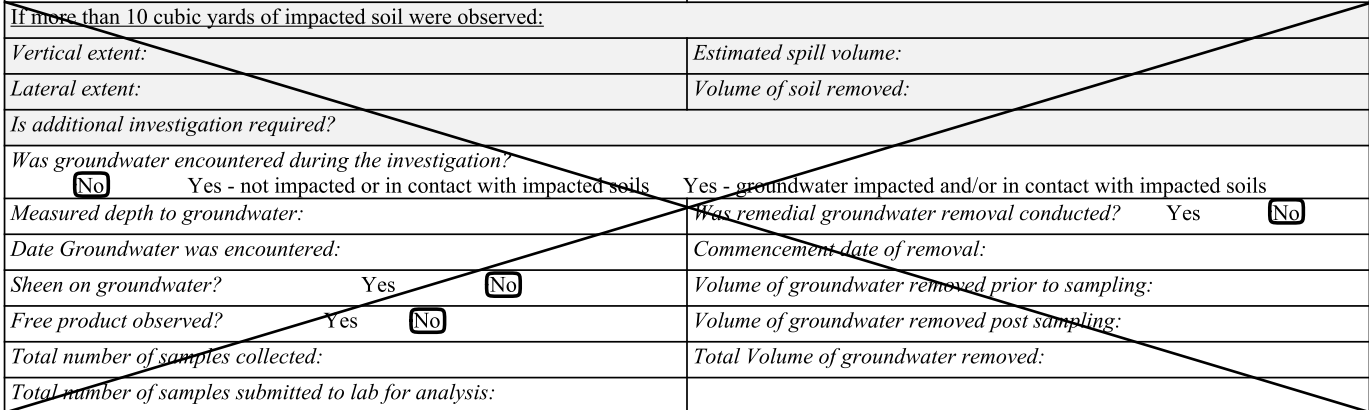
Free product observed? Yes No

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 4/5/2021 | |
| Site Name & COGCC Facility Number: 330872 - Dinner 6-34 | | Date: 4/5/2021 | | | | | | Remediation Project #: 16768 | |
| Associated Wells: 05-123-19807 | | Age of Site: Years | | | | | | Number of Photos Attached: 1 | |
| Location: (GPS coordinates of vault or southeastern tank berm for multiple) 40.339123 / -104.594843 | | | | | | | Estimated Facility Size (acres): | | |

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)

Site in good condition

USCS Soil Type: Silty Sandy CLAY Estimated Depth to Groundwater: >20'

Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
None observed

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) | Unknown | | | | | | | | |
| Age | Years | | | | | | | | |
| Construction Material | Concrete | | | | | | | | |
| Visual Integrity of Tank | N/A - excavated upon arrival | | | | | | | | |
| Condition of tank Content | N/A | | | | | | | | |
| PID Readings | | | | | | | | | |
| Condition of Junction Lines | Good | | | | | | | | |
| PID Readings | 73.5 | 35.6 | 69.0 | 52.5 | 65.4 | | | | |
| Sample taken? Location/Sample ID# | WV-SS-01 | WV-SS-02 | WV-SS-03 | WV-SS-04 | WV-FS-01 | | | | |
| Photo Number(s) | See photolog | | | | | | | | |

Other observations regarding partially buried vessels:

Summary

| | | | | |
|--|--|---|--------------------------------|--|
| Was impacted soil identified? | | <input checked="" type="radio"/> No | Yes - less than 10 cubic yards | Yes - more than 10 cubic yards |
| Total number of samples field screened: 5 | | Total number of samples collected: 2 | | |
| Highest PID Reading: 73.5 | | Total number of samples submitted to lab for analysis: 2 | | |
| If more than 10 cubic yards of impacted soil were observed: | | | | |
| Vertical extent: | | Estimated spill volume: | | |
| Lateral extent: | | Volume of soil removed: | | |
| Is additional investigation required? | | | | |
| Was groundwater encountered during the investigation? | | | | |
| <input checked="" type="radio"/> No | | Yes - not impacted or in contact with impacted soils | | Yes - groundwater impacted and/or in contact with impacted soils |
| Measured depth to groundwater: | | Was remedial groundwater removal conducted? Yes <input checked="" type="radio"/> No | | |
| Date Groundwater was encountered: | | Commencement date of removal: | | |
| Sheen on groundwater? Yes <input type="radio"/> No <input checked="" type="radio"/> | | Volume of groundwater removed prior to sampling: | | |
| Free product observed? Yes <input type="radio"/> No <input checked="" type="radio"/> | | 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: | | | | |



FIGURES

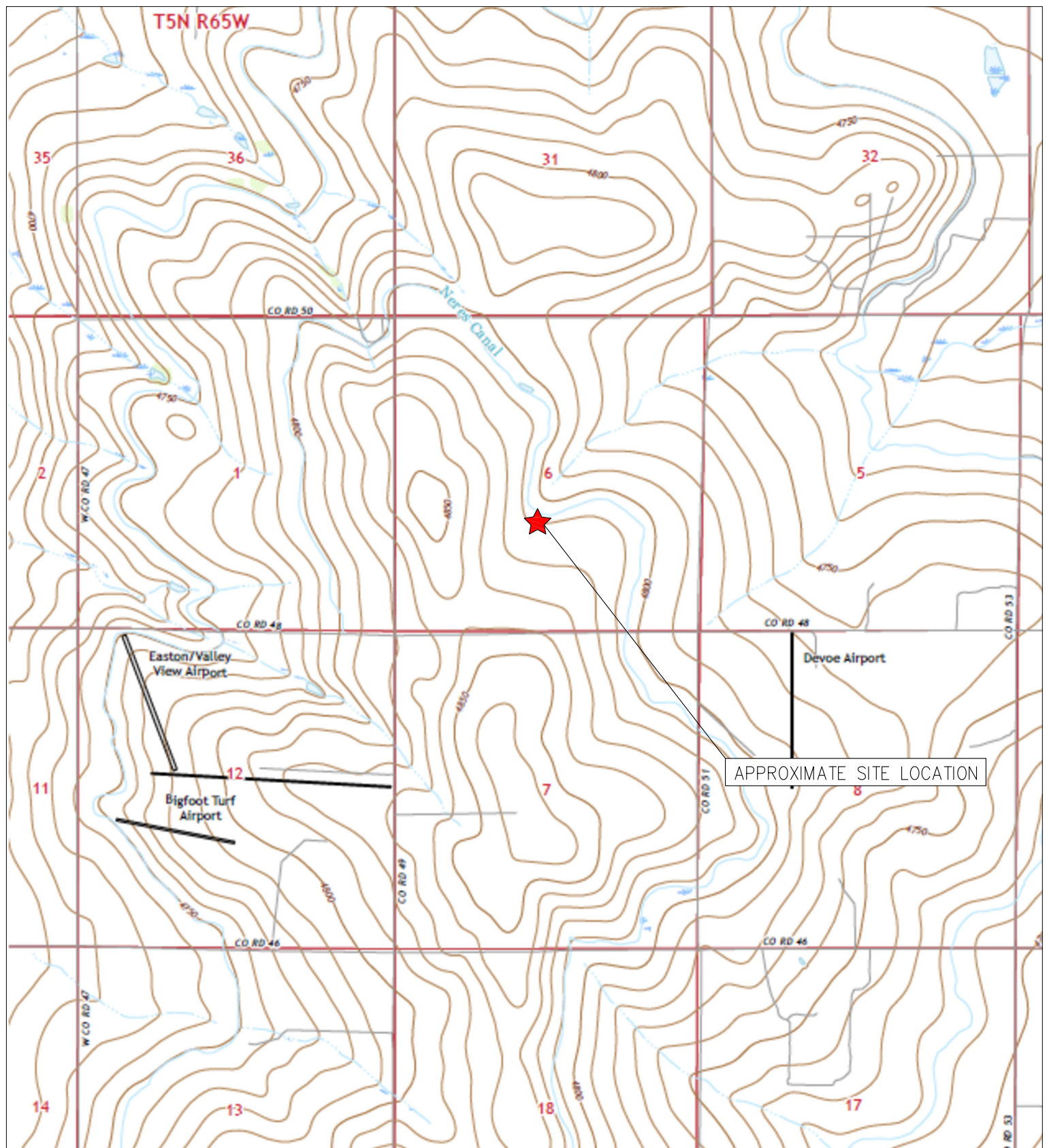
Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map

Figure 4: Polycyclic Aromatic Hydrocarbons Map

Figure 5: Confirmation Soil Analytical Map



TOPOGRAPHIC SITE LOCATION MAP
 DINNER #6-34
 CLOSURE ASSESSMENT
 40.339093 / -104.593310
 SE1/4 SW1/4 SEC.6 T4N R64W 6PM
 WELD COUNTY, COLORADO
 LOCATION ID 330872
 REMEDIATION # 16768



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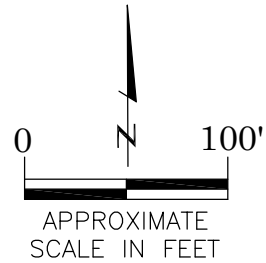
8000 W 44th Ave, Wheat Ridge, CO 80033
 Ph: 303-433-0479 • F: 303-325-5449





LEGEND

- APPROXIMATE TANK BATTERY (DECOMMISSIONED)
- ASSOCIATED BURIED VAULT (REMOVED)
- ASSOCIATED SEPARATOR CONTAINMENT AREA (DECOMMISSIONED)



AERIAL SITE LOCATION MAP
 DINNER #6-34
 CLOSURE ASSESSMENT
 40.339093 / -104.593310
 SE1/4 SW1/4 SEC.6 T4N R64W 6PM
 WELD COUNTY, COLORADO
 LOCATION ID 330872
 REMEDIATION # 16768

DRAWN BY:

MM

FIGURE NO.

2



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LEGEND

- APPROXIMATE ASSESSMENT BOUNDARIES
- APPROXIMATE DUMPLINE PATH TO WATER VAULT
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR (PID)
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

| SAMPLE LOCATION |
|--|
| DATE |
| DEPTH (FEET) |
| B = BENZENE (mg/kg) |
| T = TOLUENE (mg/kg) |
| E = ETHYLBENZENE (mg/kg) |
| X = TOTAL XYLENES (mg/kg) |
| G = TPH-GRO (mg/kg) |
| D = TPH-DRO (mg/kg) |
| R = TPH-RR0 (mg/kg) |
| 1,2,4-TMB = 1,2,4 TRIMETHYLBENZENE (mg/kg) |
| 1,3,5-TMB = 1,3,5 TRIMETHYLBENZENE (mg/kg) |
| Brn= BORON (mg/L) |
| EC = SPECIFIC CONDUCTANCE (mmhos/cm) |
| SAR= SODIUM ADSORPTION RATIO |
| pH = pH (pH UNITS) |

mg/kg = MILLIGRAMS PER KILOGRAM
 mg/L = MILLIGRAMS PER LITER
 NA - NOT ANALYZED

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS
 TPH-DRO = TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS
 TPH-RR0 = TOTAL PETROLEUM HYDROCARBONS - RESIDUAL RANGE ORGANICS

NOTE: VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS

VALUES PRESENTED IN **BOLD** VALUES CONTAIN CONCENTRATIONS EXCEEDING ECMC TABLE 915-1 REGULATORY LIMITS

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP
 DINNER #6-34
 CLOSURE ASSESSMENT
 40.339093 / -104.593310
 SE ¼ SW ¼ SEC.6 T4N R64W 6PM
 WELD COUNTY, COLORADO
 LOCATION ID 330872
 REMEDIATION # 16768

DRAWN BY:
 RA

FIGURE NO.
 3



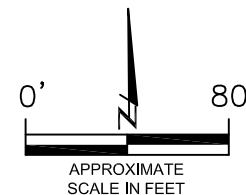
BACKGROUND-01@3'
 04/05/21
 3'
 B = NA
 T = NA
 E = NA
 X = NA
 G = NA
 D = NA
 R = NA
 1,2,4-TMB = NA
 1,3,5-TMB = NA
 Brn= NA
 EC = NA
 SAR= NA
 pH = 7.51

TB-SS-06@0-0.5'
 04/05/21
 0-0.5'
 B = <0.00200
 T = <0.00200
 E = <0.00200
 X = 0.00560
 G = <0.200
 D = <25.0
 R = <100
 1,2,4-TMB = <0.00200
 1,3,5-TMB = <0.00200
 Brn= 0.3
 EC = 0.282
 SAR= 0.33
 pH = **4.34**

WV-FS-01@6'
 04/05/21
 6'
 B = <0.00200
 T = <0.00200
 E = <0.00200
 X = <0.00200
 G = <0.200
 D = <25.0
 R = <100
 1,2,4-TMB = <0.00200
 1,3,5-TMB = <0.00200
 Brn= 0.4
 EC = 0.409
 SAR= 0.69
 pH = 6.45

WV-SS-01@3'
 04/05/21
 3'
 B = <0.00200
 T = <0.00200
 E = <0.00200
 X = <0.00200
 G = <0.200
 D = <25.0
 R = <100
 1,2,4-TMB = <0.00200
 1,3,5-TMB = <0.00200
 Brn= 0.1
 EC = 0.237
 SAR= 0.31
 pH = 7.15

TB-SS-01@4'
 04/05/21
 4'
 B = <0.00200
 T = <0.00200
 E = <0.00200
 X = <0.00200
 G = <0.200
 D = <25.0
 R = <100
 1,2,4-TMB = <0.00200
 1,3,5-TMB = <0.00200
 Brn= 0.1
 EC = 0.327
 SAR= 0.29
 pH = 7.06



LEGEND

- APPROXIMATE ASSESSMENT BOUNDARIES
- APPROXIMATE DUMPLINE PATH TO WATER VAULT
- **SS-02**
APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR (PID)
- **SS-02**
APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

NOTE:
CONCENTRATIONS PRESENTED IN mg/kg

mg/kg = MILLIGRAMS PER KILOGRAM

MDL = MINIMUM DETECTION LIMIT

NOTE:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY MDL AND/OR REPORTING LIMITS

WV-SS-01
04/05/21
3'

1-Methylnaphthalene = <0.00067
2-Methylnaphthalene = <0.00067
Acenaphthene = <0.00067
Anthracene = <0.00067
Benzo(a)anthracene = <0.00067
Benzo(a)pyrene = <0.00067
Benzo(b)fluoranthene = <0.00067
Benzo(k)fluoranthene = <0.00067
Chrysene = <0.00067
Dibenzo(a,h)anthracene = <0.00067
Fluoranthene = <0.00067
Fluorene = <0.00067
Indeno(1,2,3-CD)pyrene = <0.00067
Naphthalene = <0.00067
Pyrene = <0.00067

TB-SS-06
04/05/21
0-0.5'

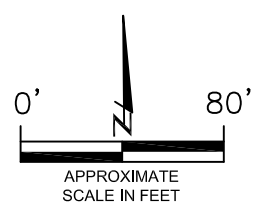
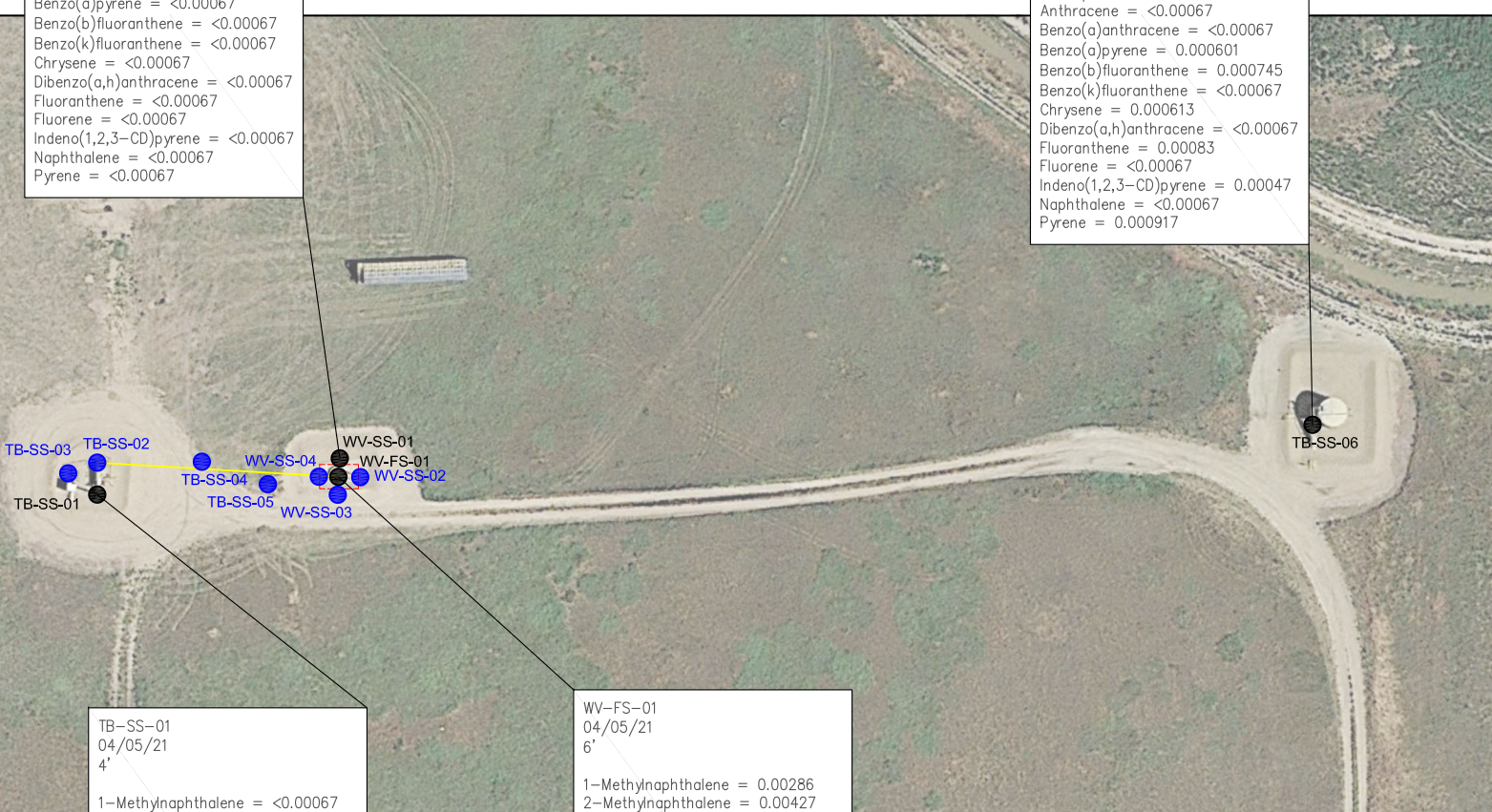
1-Methylnaphthalene = <0.00067
2-Methylnaphthalene = <0.00067
Acenaphthene = <0.00067
Anthracene = <0.00067
Benzo(a)anthracene = <0.00067
Benzo(a)pyrene = 0.000601
Benzo(b)fluoranthene = 0.000745
Benzo(k)fluoranthene = <0.00067
Chrysene = 0.000613
Dibenzo(a,h)anthracene = <0.00067
Fluoranthene = 0.00083
Fluorene = <0.00067
Indeno(1,2,3-CD)pyrene = 0.00047
Naphthalene = <0.00067
Pyrene = 0.000917

WV-FS-01
04/05/21
6'

1-Methylnaphthalene = 0.00286
2-Methylnaphthalene = 0.00427
Acenaphthene = <0.00067
Anthracene = 0.000505
Benzo(a)anthracene = <0.00067
Benzo(a)pyrene = 0.000318
Benzo(b)fluoranthene = <0.00067
Benzo(k)fluoranthene = <0.00067
Chrysene = 0.00304
Dibenzo(a,h)anthracene = <0.00067
Fluoranthene = <0.00067
Fluorene = 0.000874
Indeno(1,2,3-CD)pyrene = <0.00067
Naphthalene = <0.00067
Pyrene = 0.00144

TB-SS-01
04/05/21
4'

1-Methylnaphthalene = <0.00067
2-Methylnaphthalene = <0.00067
Acenaphthene = <0.00067
Anthracene = <0.00067
Benzo(a)anthracene = <0.00067
Benzo(a)pyrene = 0.000217
Benzo(b)fluoranthene = <0.00067
Benzo(k)fluoranthene = <0.00067
Chrysene = <0.00067
Dibenzo(a,h)anthracene = <0.00067
Fluoranthene = <0.00067
Fluorene = <0.00067
Indeno(1,2,3-CD)pyrene = <0.00067
Naphthalene = <0.00067
Pyrene = <0.00067

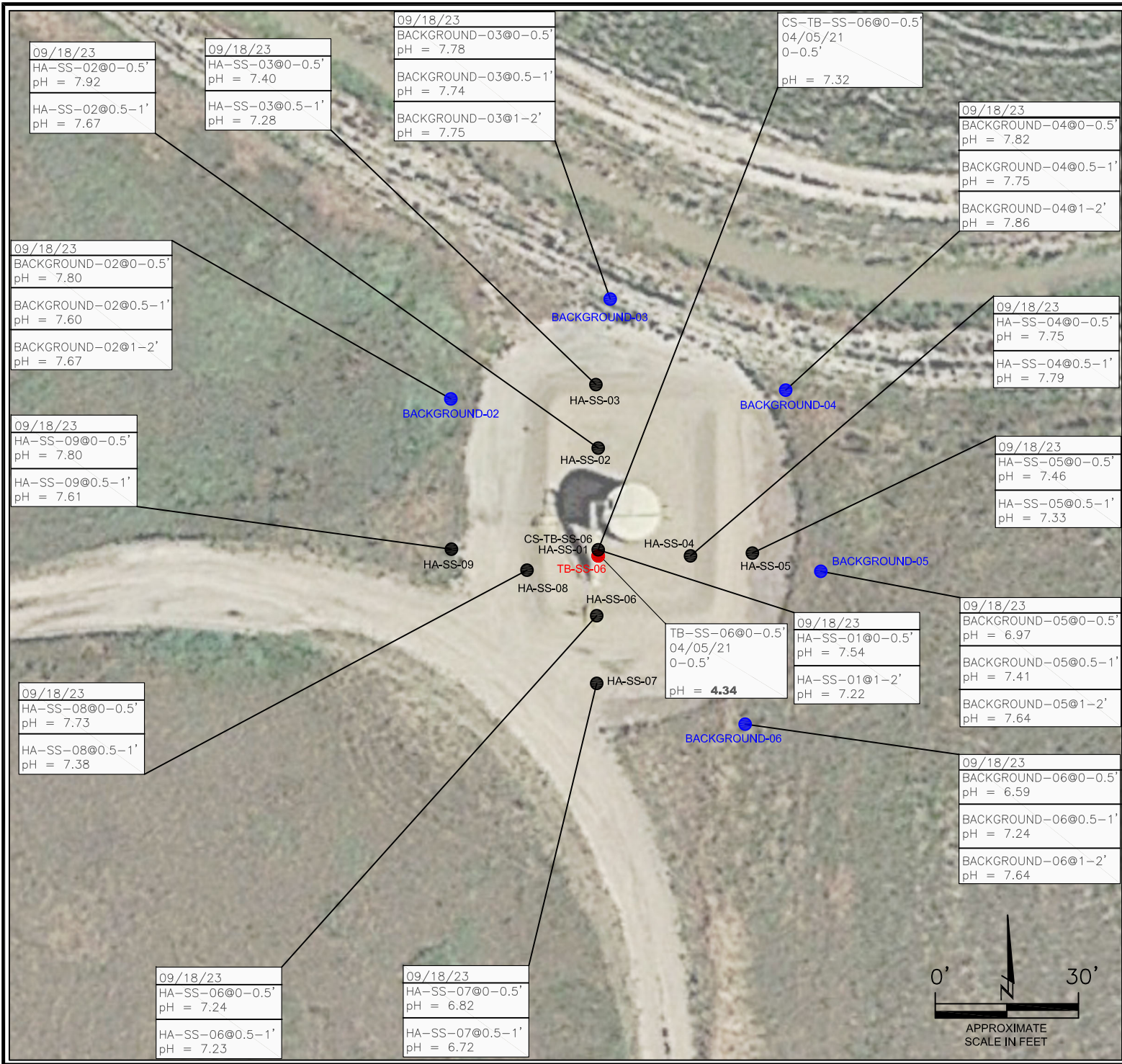


POLYCYCLIC AROMATIC HYDROCARBONS MAP
DINNER #6-34
CLOSURE ASSESSMENT
40.339093 / -104.593310
SE ¼ SW ¼ SEC.6 T4N R64W 6PM
WELD COUNTY, COLORADO
LOCATION ID 330872
REMEDATION # 16768

DRAWN BY:
RA

FIGURE NO.
4

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LEGEND

- SS-02** CONFIRMATION SAMPLE LOCATION WITHIN ECMC TABLE 915-1 REGULATORY RANGE
- SS-02** BACKGROUND CONFIRMATION SAMPLE LOCATION WITHIN ECMC TABLE 915-1 REGULATORY RANGE
- SS-02** PREVIOUS SOIL SAMPLE LOCATION OUTSIDE ECMC TABLE 915-1 REGULATORY RANGE

PARAMETERS

SAMPLE LOCATION
DATE
DEPTH (FEET)
pH = pH (pH UNITS)

VALUES PRESENTED IN **BOLD** ARE OUTSIDE OF ECMC REGULATORY RANGE.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

CONFIRMATION SOIL ANALYTICAL MAP
DINNER #6-34
CLOSURE ASSESSMENT
40.339093 / -104.593310
SE¼ SW¼ SEC.6 T4N R64W 6PM
WELD COUNTY, COLORADO
LOCATION ID 330872
REMEDATION # 16768

FIGURE NO.
5

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TABLES

Table 1: Field Data Summary Table

Table 2: Summary of Volatile Organic Soil Chemistry Data

Table 3: Summary of Polycyclic Aromatic Hydrocarbon Soil Chemistry Data

Table 4: Summary of Soil Suitability for Reclamation

**TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE ENERGY 100322
DINNER #6-34, WELD COUNTY, COLORADO
REM # 16768**

| Sample ID | Sample Date | Depth | GPS Data | | VOC Concentration (ppm) |
|----------------------|-------------|--------|--------------------|-------------|-------------------------|
| | | | Latitude/Longitude | | |
| TB-SS-01@4' | 4/5/2021 | 4 | 40.339097 | -104.595197 | 21.5 |
| TB-SS-02@4' | 4/5/2021 | 4 | 40.339128 | -104.595198 | 35.6 |
| TB-SS-03@0-0.25' | 4/5/2021 | 0-0.25 | 40.339124 | -104.595234 | 110.5 |
| TB-SS-04@0-0.25' | 4/5/2021 | 0-0.25 | 40.339136 | -104.595044 | 16.6 |
| TB-SS-05@2.5' | 4/5/2021 | 2.5 | 40.339113 | -104.594949 | 173.1 |
| TB-SS-06@0-0.5' | 4/5/2021 | 0-0.5 | 40.339175 | -104.593369 | 11.1 |
| WV-SS-01@3' | 4/5/2021 | 3 | 40.339139 | -104.594845 | 73.5 |
| WV-SS-02@3' | 4/5/2021 | 3 | 40.339122 | -104.594821 | 35.6 |
| WV-SS-03@3' | 4/5/2021 | 3 | 40.339109 | -104.594844 | 69.0 |
| WV-SS-04@3' | 4/5/2021 | 3 | 40.339123 | -104.594871 | 52.5 |
| WV-FS-01@6' | 4/5/2021 | 6 | 40.339122 | -104.594845 | 65.4 |
| CS-TB-SS-06@0-0.5 | 9/18/2023 | 0-0.5 | 40.339175 | -104.593369 | 50.7 |
| HA-SS-01@0.5-1' | 9/18/2023 | 0.5-1 | 40.339175 | -104.593369 | 6.1 |
| HA-SS-01@1-2' | 9/18/2023 | 1-2 | 40.339175 | -104.593369 | 3.5 |
| HA-SS-02@0-0.5' | 9/18/2023 | 0-0.5 | 40.339221 | -104.593372 | 9.7 |
| HA-SS-02@0.5-1' | 9/18/2023 | 0.5-1 | 40.339221 | -104.593372 | 6.0 |
| HA-SS-03@0-0.5' | 9/18/2023 | 0-0.5 | 40.339262 | -104.593368 | 3.0 |
| HA-SS-03@0.5-1' | 9/18/2023 | 0.5-1 | 40.339262 | -104.593368 | 9.3 |
| HA-SS-04@0-0.5' | 9/18/2023 | 0-0.5 | 40.339177 | -104.593315 | 23.9 |
| HA-SS-04@0.5-1' | 9/18/2023 | 0.5-1 | 40.339177 | -104.593315 | 3.7 |
| HA-SS-05@0-0.5' | 9/18/2023 | 0-0.5 | 40.339177 | -104.593257 | 5.1 |
| HA-SS-05@0.5-1' | 9/18/2023 | 0.5-1 | 40.339177 | -104.593257 | 3.3 |
| HA-SS-06@0-0.5' | 9/18/2023 | 0-0.5 | 40.339138 | -104.593374 | 1.1 |
| HA-SS-06@0.5-1' | 9/18/2023 | 0.5-1 | 40.339138 | -104.593374 | 4.4 |
| HA-SS-07@0-0.5' | 9/18/2023 | 0-0.5 | 40.339094 | -104.593374 | 6.7 |
| HA-SS-07@0.5-1' | 9/18/2023 | 0.5-1 | 40.339094 | -104.593374 | 1.4 |
| HA-SS-08@0-0.5' | 9/18/2023 | 0-0.5 | 40.339169 | -104.593427 | 3.0 |
| HA-SS-08@0.5-1' | 9/18/2023 | 0.5-1 | 40.339169 | -104.593427 | 3.2 |
| HA-SS-09@0-0.5' | 9/18/2023 | 0-0.5 | 40.339174 | -104.593479 | 3.1 |
| HA-SS-09@0.5-1' | 9/18/2023 | 0.5-1 | 40.339174 | -104.593479 | 1.7 |
| Background-01@3' | 4/5/2021 | 3 | 40.339185 | -104.593552 | 17.8 |
| Background-02@0-0.5' | 9/18/2023 | 0-0.5 | 40.339269 | -104.593479 | 46.1 |
| Background-02@0.5-1' | 9/18/2023 | 0.5-1 | 40.339269 | -104.593479 | 42.2 |
| Background-02@1-2' | 9/18/2023 | 1-2 | 40.339269 | -104.593479 | 35.2 |
| Background-03@0-0.5' | 9/18/2023 | 0-0.5 | 40.339321 | -104.593356 | 29.4 |
| Background-03@0.5-1' | 9/18/2023 | 0.5-1 | 40.339321 | -104.593356 | 38.2 |
| Background-03@1-2' | 9/18/2023 | 1-2 | 40.339321 | -104.593356 | 40.6 |
| Background-04@0-0.5' | 9/18/2023 | 0-0.5 | 40.339259 | -104.593217 | 42.8 |
| Background-04@0.5-1' | 9/18/2023 | 0.5-1 | 40.339259 | -104.593217 | 36.7 |
| Background-04@1-2' | 9/18/2023 | 1-2 | 40.339259 | -104.593217 | 40.4 |
| Background-05@0-0.5' | 9/18/2023 | 0-0.5 | 40.339163 | -104.593213 | 32.4 |
| Background-05@0.5-1' | 9/18/2023 | 0.5-1 | 40.339163 | -104.593213 | 2.8 |
| Background-05@1-2' | 9/18/2023 | 1-2 | 40.339163 | -104.593213 | 3.2 |
| Background-06@0-0.5' | 9/18/2023 | 0-0.5 | 40.339077 | -104.593275 | 30.8 |
| Background-06@0.5-1' | 9/18/2023 | 0.5-1 | 40.339077 | -104.593275 | 1.9 |
| Background-06@1-2' | 9/18/2023 | 1-2 | 40.339077 | -104.593275 | 2.4 |

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY 100322
DINNER #6-34, WELD COUNTY, COLORADO
REM # 16768

| 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 (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 | 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 | 500** | | |
| TB-SS-01@4' | 4/5/2021 | 4 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00067 | <500 | <0.200 | <25.0 | <100 |
| TB-SS-06@0-0.5' | 4/5/2021 | 0-0.5 | <0.00200 | <0.00200 | <0.00200 | 0.00560 | <0.00200 | <0.00200 | <0.00067 | <500 | <0.200 | <25.0 | <100 |
| WV-SS-01@3' | 4/5/2021 | 3 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00067 | <500 | <0.200 | <25.0 | <100 |
| WV-FS-01@6' | 4/5/2021 | 6 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00067 | <500 | <0.200 | <25.0 | <100 |

1. Bold values exceed the ECMC Table 915-1 limit(s)
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
3. * Indicates laboratory minimum detection limit in excess of SSL
4. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE ENERGY 100322
DINNER #6-34, WELD COUNTY, COLORADO
REM # 16768

| 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) | Dibenz (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 |
| TB-SS-01@4' | 4/5/2021 | 4 | <0.00067 | <0.00067 | <0.00067 | 0.000217 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| TB-SS-06@0-0.5' | 4/5/2021 | 0-0.5 | <0.00067 | <0.00067 | <0.00067 | 0.000501 | 0.000745 | <0.00067 | 0.000513 | <0.00067 | 0.00083 | <0.00067 | 0.00047 | 0.000917 | <0.00067 | <0.00067 |
| WV-SS-01@3' | 4/5/2021 | 3 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| WV-FS-01@6' | 4/5/2021 | 6 | <0.00067 | 0.000505 | <0.00067 | 0.000318 | <0.00067 | <0.00067 | 0.00304 | <0.00067 | <0.00067 | 0.000874 | <0.00067 | 0.00144 | 0.00286 | 0.00427 |

1. Bold values exceed the ECMC Table 915-1 limit(s)

2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)

3. * Indicates laboratory minimum detection limit in excess of SSL

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY 100322
DINNER #6-34, WELD COUNTY, COLORADO
REM # 16768

| Sample ID | Sample Date | Depth (ft) | pH (Standard Units) | EC (mmhos/cm) | SAR (Standard Units) | Boron (mg/L) |
|--|-------------|------------|------------------------|---------------|-------------------------|-----------------|
| ECMC Table 915-1 Soil Suitability Limits | | | 6 - 8.3 | 4 | 6 | 2 |
| TB-SS-01@4' | 4/5/2021 | 4 | 7.06 | 0.327 | 0.29 | 0.1 |
| TB-SS-06@0-0.5' | 4/5/2021 | 0-0.5 | 4.34 | 0.282 | 0.33 | 0.3 |
| WV-SS-01@3' | 4/5/2021 | 3 | 7.15 | 0.237 | 0.31 | 0.1 |
| WV-FS-01@6' | 4/5/2021 | 6 | 6.45 | 0.409 | 0.69 | 0.4 |
| CS-TB-SS-06@0-0.5 | 9/18/2023 | 0-0.5 | 7.32 | NA | NA | NA |
| HA-SS-01@0.5-1' | 9/18/2023 | 0.5-1 | 7.54 | NA | NA | NA |
| HA-SS-01@1-2' | 9/18/2023 | 1-2 | 7.22 | NA | NA | NA |
| HA-SS-02@0-0.5' | 9/18/2023 | 0-0.5 | 7.92 | NA | NA | NA |
| HA-SS-02@0.5-1' | 9/18/2023 | 0.5-1 | 7.67 | NA | NA | NA |
| HA-SS-03@0-0.5' | 9/18/2023 | 0-0.5 | 7.40 | NA | NA | NA |
| HA-SS-03@0.5-1' | 9/18/2023 | 0.5-1 | 7.28 | NA | NA | NA |
| HA-SS-04@0-0.5' | 9/18/2023 | 0-0.5 | 7.75 | NA | NA | NA |
| HA-SS-04@0.5-1' | 9/18/2023 | 0.5-1 | 7.79 | NA | NA | NA |
| HA-SS-05@0-0.5' | 9/18/2023 | 0-0.5 | 7.46 | NA | NA | NA |
| HA-SS-05@0.5-1' | 9/18/2023 | 0.5-1 | 7.33 | NA | NA | NA |
| HA-SS-06@0-0.5' | 9/18/2023 | 0-0.5 | 7.24 | NA | NA | NA |
| HA-SS-06@0.5-1' | 9/18/2023 | 0.5-1 | 7.23 | NA | NA | NA |
| HA-SS-07@0-0.5' | 9/18/2023 | 0-0.5 | 6.82 | NA | NA | NA |
| HA-SS-07@0.5-1' | 9/18/2023 | 0.5-1 | 6.72 | NA | NA | NA |
| HA-SS-08@0-0.5' | 9/18/2023 | 0-0.5 | 7.73 | NA | NA | NA |
| HA-SS-08@0.5-1' | 9/18/2023 | 0.5-1 | 7.38 | NA | NA | NA |
| HA-SS-09@0-0.5' | 9/18/2023 | 0-0.5 | 7.80 | NA | NA | NA |
| HA-SS-09@0.5-1' | 9/18/2023 | 0.5-1 | 7.61 | NA | NA | NA |
| Background-01@3' | 4/5/2021 | 3 | 7.51 | NA | NA | NA |
| Background-02@0-0.5' | 9/18/2023 | 0-0.5 | 7.80 | NA | NA | NA |
| Background-02@0.5-1' | 9/18/2023 | 0.5-1 | 7.60 | NA | NA | NA |
| Background-02@1-2' | 9/18/2023 | 1-2 | 7.67 | NA | NA | NA |
| Background-03@0-0.5' | 9/18/2023 | 0-0.5 | 7.78 | NA | NA | NA |
| Background-03@0.5-1' | 9/18/2023 | 0.5-1 | 7.74 | NA | NA | NA |
| Background-03@1-2' | 9/18/2023 | 1-2 | 7.75 | NA | NA | NA |
| Background-04@0-0.5' | 9/18/2023 | 0-0.5 | 7.82 | NA | NA | NA |
| Background-04@0.5-1' | 9/18/2023 | 0.5-1 | 7.75 | NA | NA | NA |
| Background-04@1-2' | 9/18/2023 | 1-2 | 7.86 | NA | NA | NA |
| Background-05@0-0.5' | 9/18/2023 | 0-0.5 | 6.97 | NA | NA | NA |
| Background-05@0.5-1' | 9/18/2023 | 0.5-1 | 7.41 | NA | NA | NA |
| Background-05@1-2' | 9/18/2023 | 1-2 | 7.64 | NA | NA | NA |
| Background-06@0-0.5' | 9/18/2023 | 0-0.5 | 6.59 | NA | NA | NA |
| Background-06@0.5-1' | 9/18/2023 | 0.5-1 | 7.24 | NA | NA | NA |
| Background-06@1-2' | 9/18/2023 | 1-2 | 7.64 | NA | NA | NA |
| Maximum Background Concentration | | | 7.86 | -- | -- | -- |

1. Bold faced values exceed the ECMC Table 915-1 limit(s)
 2. Blue highlighted soil analytical values indicate a regulatory exceedance
- NA - Not analyzed



ATTACHMENT A

Photo Log

DINNER #6-34
Location ID 330872
Remediation # 16768

Tank Battery Closure Assessment
April 2021 – September 2023



EAGLE
ENVIRONMENTAL
CONSULTING, INC.
8000 W 44th Ave, Wheat Ridge, CO 80033
Ph: 303-433-0479 • F: 303-325-5449



Tank Battery Decommissioning– 04/05/21



Looking south at flowline from wellhead

No petroleum hydrocarbon staining or significant odor observed



Looking south at separator dumphine

No petroleum hydrocarbon staining or odor observed

Tank Battery Decommissioning– 04/05/21



Looking east at meter house screening sample

No petroleum hydrocarbon staining or odor observed



Looking east at former facility pad

No petroleum hydrocarbon staining or odor observed

Tank Battery Decommissioning– 04/05/21



Looking west at flowline cut point between water vault and separator

No petroleum hydrocarbon staining or odor observed

Tank Battery Decommissioning– 4/5/21

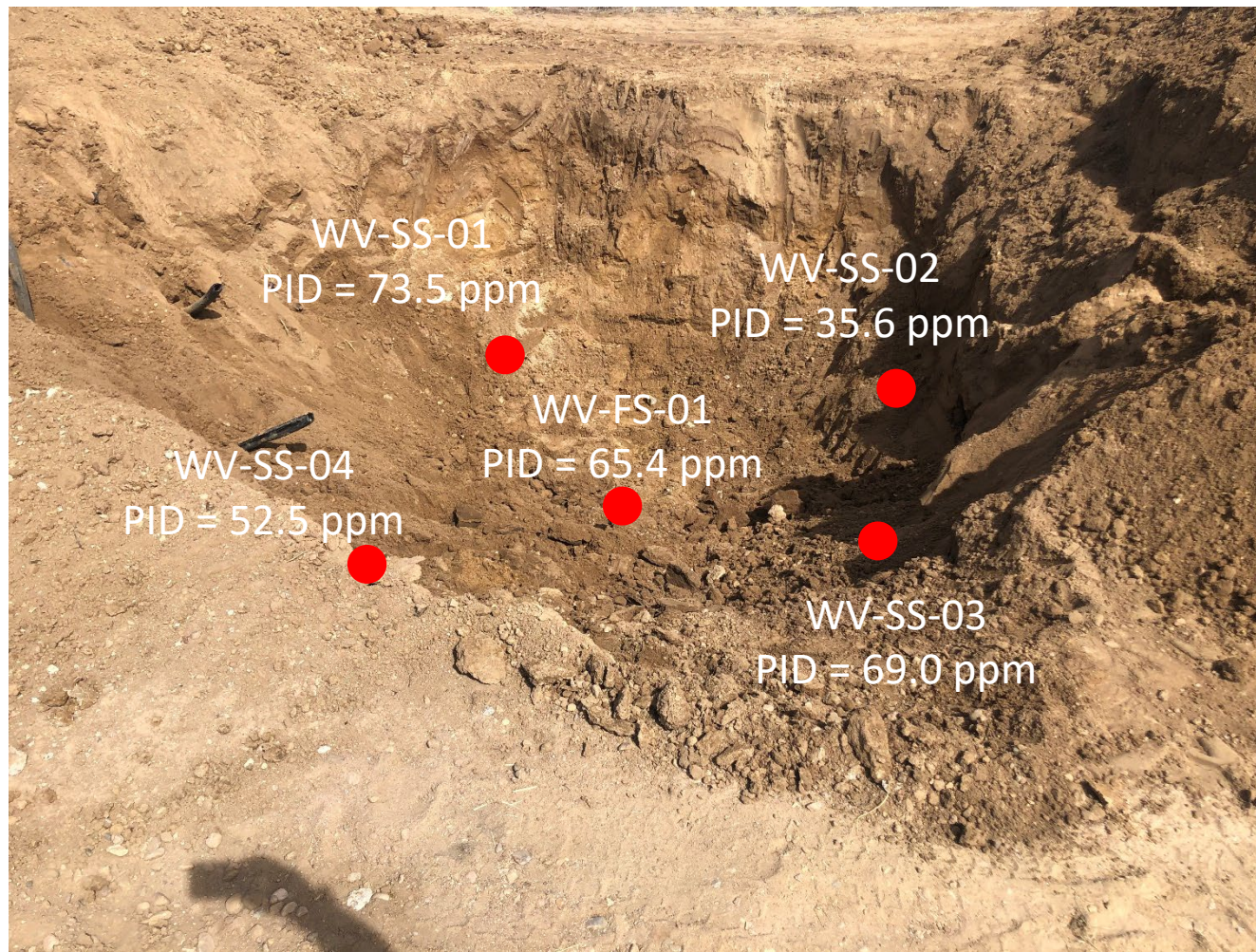


Looking northwest

Sample taken from location of condensate tank dump line location; tank was moved to facilitate sampling.

No petroleum hydrocarbon staining or odor observed

Water Vault Excavation – 4/5/21



Looking northeast

No petroleum hydrocarbon staining or odor observed
EAGLE arrived onsite after water vault was removed.

Hand Auger Assessment – 09/18/23



Looking north at former AST footprint

No petroleum hydrocarbon staining or odor observed



Looking north on former facility pad

No petroleum hydrocarbon staining or odor observed

Hand Auger Assessment – 09/18/23



Looking north on former facility pad

No petroleum hydrocarbon staining or odor observed



Looking east on former facility pad

No petroleum hydrocarbon staining or odor observed

Hand Auger Assessment – 09/18/23



Looking east on former facility pad

No petroleum hydrocarbon staining or odor observed



Looking south on former facility pad

No petroleum hydrocarbon staining or odor observed

Hand Auger Assessment – 09/18/23



Looking south on former facility pad

No petroleum hydrocarbon staining or odor observed



Looking west on former facility pad

No petroleum hydrocarbon staining or odor observed

Hand Auger Assessment – 09/18/23



Looking west on former facility pad

No petroleum hydrocarbon staining or odor observed