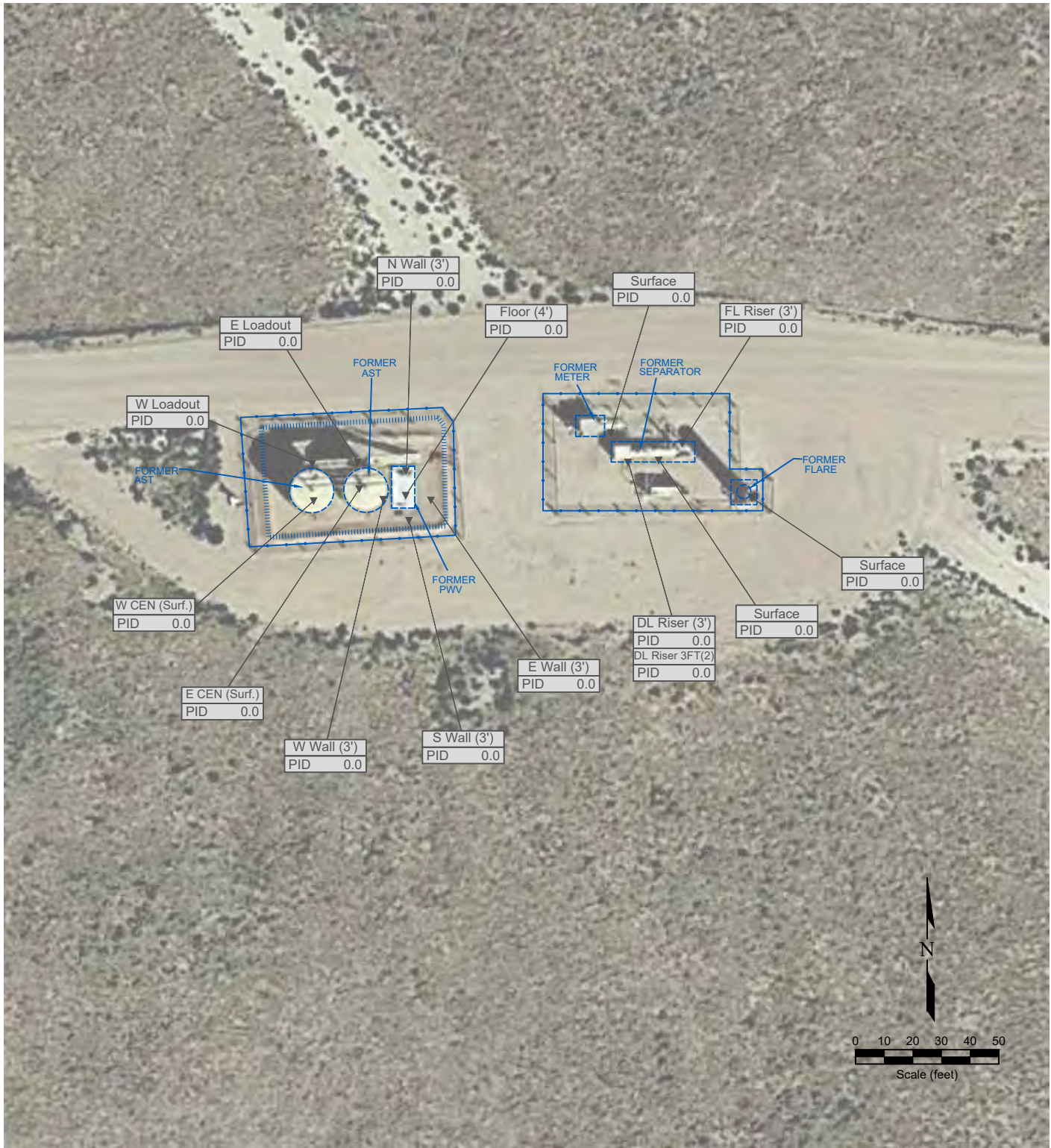


USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP
Noble Energy, Inc.
Degenhart USX AE-66N-62W 17NWNW
NWNW Section 17, T6N, R62W, 6th PM
Weld County, Colorado
40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864	
Date 3/5/26	Remediation # 30318	Filename 23273T	



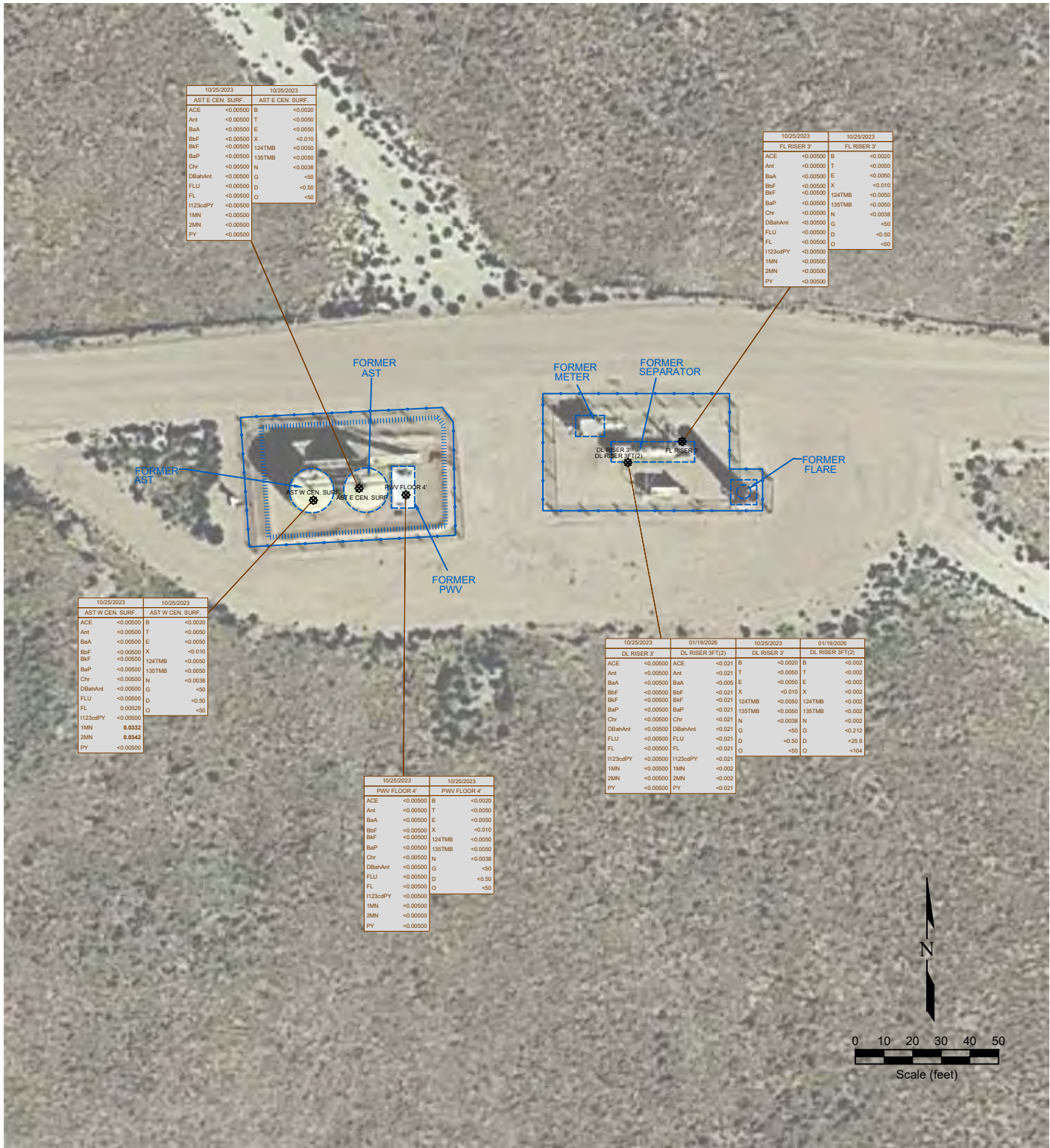
LEGEND

- ▼ PID READING LOCATION
 - ABOVE GROUND STORAGE TANK
 - FORMER FORMER FACILITY
 - CONTAINMENT BERM
 - CONTAINMENT WALL
 - FENCE LINE
- W Loadout
PID 0.0
- SAMPLE IDENTIFICATION AND DEPTH (ft)
PHOTO IONIZATION DETECTION / PARTS PER MILLION

Figure 2
SITE MAP
Noble Energy, Inc.
Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864
Date 3/9/26	Remediation # 30318	Filename 23273Q





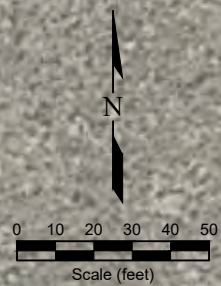
10/25/2023		10/25/2023	
AST E CEN. SURF.	AST E CEN. SURF.	AST E CEN. SURF.	AST E CEN. SURF.
ACE	<0.0050	B	<0.0050
Ant	<0.0050	T	<0.0050
BaA	<0.0050	E	<0.0050
BbF	<0.0050	X	<0.010
BkF	<0.0050	124TMB	<0.0050
BaP	<0.0050	135TMB	<0.0050
Chr	<0.0050	N	<0.0038
DBahAnt	<0.0050	G	<50
FLU	<0.0050	D	<50
FL	<0.0050	O	<50
1123cdPY	<0.0050		
1MN	<0.0050		
2MN	<0.0050		
PY	<0.0050		

10/25/2023		10/25/2023	
FL RISER 3'	FL RISER 3'	FL RISER 3'	FL RISER 3'
ACE	<0.0050	B	<0.0050
Ant	<0.0050	T	<0.0050
BaA	<0.0050	E	<0.0050
BbF	<0.0050	X	<0.010
BkF	<0.0050	124TMB	<0.0050
BaP	<0.0050	135TMB	<0.0050
Chr	<0.0050	N	<0.0038
DBahAnt	<0.0050	G	<50
FLU	<0.0050	D	<50
FL	<0.0050	O	<50
1123cdPY	<0.0050		
1MN	<0.0050		
2MN	<0.0050		
PY	<0.0050		

10/25/2023		10/25/2023	
AST W CEN. SURF.	AST W CEN. SURF.	AST W CEN. SURF.	AST W CEN. SURF.
ACE	<0.0050	B	<0.0050
Ant	<0.0050	T	<0.0050
BaA	<0.0050	E	<0.0050
BbF	<0.0050	X	<0.010
BkF	<0.0050	124TMB	<0.0050
BaP	<0.0050	135TMB	<0.0050
Chr	<0.0050	N	<0.0038
DBahAnt	<0.0050	G	<50
FLU	<0.0050	D	<50
FL	0.00529	O	<50
1123cdPY	<0.0050		
1MN	0.8332		
2MN	0.8342		
PY	<0.0050		

10/25/2023		01/19/2026		10/25/2023		01/19/2026	
DL RISER 3'	DL RISER 3FT(2)	DL RISER 3'	DL RISER 3FT(2)	DL RISER 3'	DL RISER 3FT(2)	DL RISER 3'	DL RISER 3FT(2)
ACE	<0.0050	ACE	<0.021	B	<0.002	B	<0.002
Ant	<0.0050	Ant	<0.021	T	<0.0050	T	<0.002
BaA	<0.0050	BaA	<0.006	E	<0.0050	E	<0.002
BbF	<0.0050	BbF	<0.021	X	<0.010	X	<0.002
BkF	<0.0050	BkF	<0.021	124TMB	<0.0050	124TMB	<0.002
BaP	<0.0050	BaP	<0.021	135TMB	<0.0050	135TMB	<0.002
Chr	<0.0050	Chr	<0.021	N	<0.0038	N	<0.002
DBahAnt	<0.0050	DBahAnt	<0.021	G	<50	G	<0.212
FLU	<0.0050	FLU	<0.021	D	<50	D	<25.51
FL	<0.0050	FL	<0.021	O	<50	O	<104
1123cdPY	<0.0050	1123cdPY	<0.021				
1MN	<0.0050	1MN	<0.002				
2MN	<0.0050	2MN	<0.002				
PY	<0.0050	PY	<0.021				

10/25/2023		10/25/2023	
PWW FLOOR 4'	PWW FLOOR 4'	PWW FLOOR 4'	PWW FLOOR 4'
ACE	<0.0050	B	<0.0050
Ant	<0.0050	T	<0.0050
BaA	<0.0050	E	<0.0050
BbF	<0.0050	X	<0.010
BkF	<0.0050	124TMB	<0.0050
BaP	<0.0050	135TMB	<0.0050
Chr	<0.0050	N	<0.0038
DBahAnt	<0.0050	G	<50
FLU	<0.0050	D	<50
FL	<0.0050	O	<50
1123cdPY	<0.0050		
1MN	<0.0050		
2MN	<0.0050		
PY	<0.0050		



LEGEND

- SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL
- FENCE LINE

10/25/2023	DATE SAMPLED
AST E CEN. SURF.	SAMPLE ID and DEPTH (ft)
ACE	ACENAPHTHENE (mg/kg)
Ant	ANTHRACENE (mg/kg)
BaA	BENZO (A) ANTHRACENE (mg/kg)
BbF	BENZO (B) FLUORANTHENE (mg/kg)
BkF	BENZO (K) FLUORANTHENE (mg/kg)
BaP	BENZO (A) PYRENE (mg/kg)
Chr	CHRYSENE (mg/kg)
DBahAnt	DIBENZ (A,H) ANTHRACENE (mg/kg)
FLU	FLUORANTHENE (mg/kg)
FL	FLUORENE (mg/kg)
1123cdPY	INDENO (1,2,3-CD) PYRENE (mg/kg)
1MN	1-METHYLNAPHTHALENE (mg/kg)
2MN	2-METHYLNAPHTHALENE (mg/kg)
PY	PYRENE (mg/kg)

10/25/2023	DATE SAMPLED
AST E CEN. SURF.	SAMPLE ID and DEPTH (ft)
B	BENZENE (mg/kg)
T	TOLUENE (mg/kg)
E	ETHYLBENZENE (mg/kg)
X	TOTAL XYLENES (mg/kg)
124TMB	1,2,4-TRIMETHYLBENZENE (mg/kg)
135TMB	1,3,5-TRIMETHYLBENZENE (mg/kg)
N	NAPHTHALENE (mg/kg)
G	TPH-ORO (mg/kg)
D	TPH-ORO (mg/kg)
O	TPH-ORO (mg/kg)

Figure 3
ORGANIC SOIL CHEMISTRY MAP
 Noble Energy, Inc.
 Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864	
Date 3/5/26	Remediation # 30318	Filename 23273Q	



10/25/2023		10/25/2023	
AST E CEN. SURF.		AST E CEN. SURF.	
As	0.824	SAR	0.111
BA	29.8	pH	7.70
CD	<-0.200	EC	0.185
CU	1.77	B	<-2.00
PB	3.47		
NI	1.02		
SE	<-0.260		
AG	<-0.0200		
CR(VI)	<-0.30		
Z	6.2		

10/25/2023		10/25/2023	
FL RISER 3'		FL RISER 3'	
As	3.05	SAR	0.0413
BA	389	pH	8.34
CD	<-0.200	EC	0.124
CU	3.85	B	<-2.00
PB	9.73		
NI	2.11		
SE	0.28		
AG	0.0298		
CR(VI)	<-0.30		
Z	7.65		

10/25/2023		10/25/2023	
AST W CEN. SURF.		AST W CEN. SURF.	
As	0.693	SAR	0.304
BA	25.3	pH	6.99
CD	<-0.200	EC	0.226
CU	1.46	B	<-2.00
PB	1.83		
NI	0.979		
SE	<-0.260		
AG	<-0.0200		
CR(VI)	<-0.30		
Z	3.76		

10/25/2023		01/19/2026		10/25/2023		01/19/2026	
DL RISER 3'		DL RISER 3FT(2)		DL RISER 3'		DL RISER 3FT(2)	
As	0.771	As	4.93	SAR	0.879	SAR	0.494
BA	64.4	BA	89.2	pH	8.68	pH	8.11
CD	<-0.200	CD	<-0.200	EC	0.206	EC	0.303
CU	1.3	CU	<-33.2	B	<-2.00	B	<-0.104
PB	4.51	PB	11.6				
NI	1.36	NI	<18.7				
SE	<-0.260	SE	<-0.177				
AG	<-0.0200	AG	<-0.577				
CR(VI)	<-0.30	CR(VI)	0.10				
Z	4.99	Z	<-267				

10/25/2023		10/25/2023	
PW FLOOR 4'		PW FLOOR 4'	
As	1.5	SAR	0.0327
BA	123	pH	8.30
CD	<-0.200	EC	0.121
CU	1.66	B	<-2.00
PB	5.58		
NI	1.72		
SE	<-0.260		
AG	<-0.0200		
CR(VI)	<-0.30		
Z	6.08		

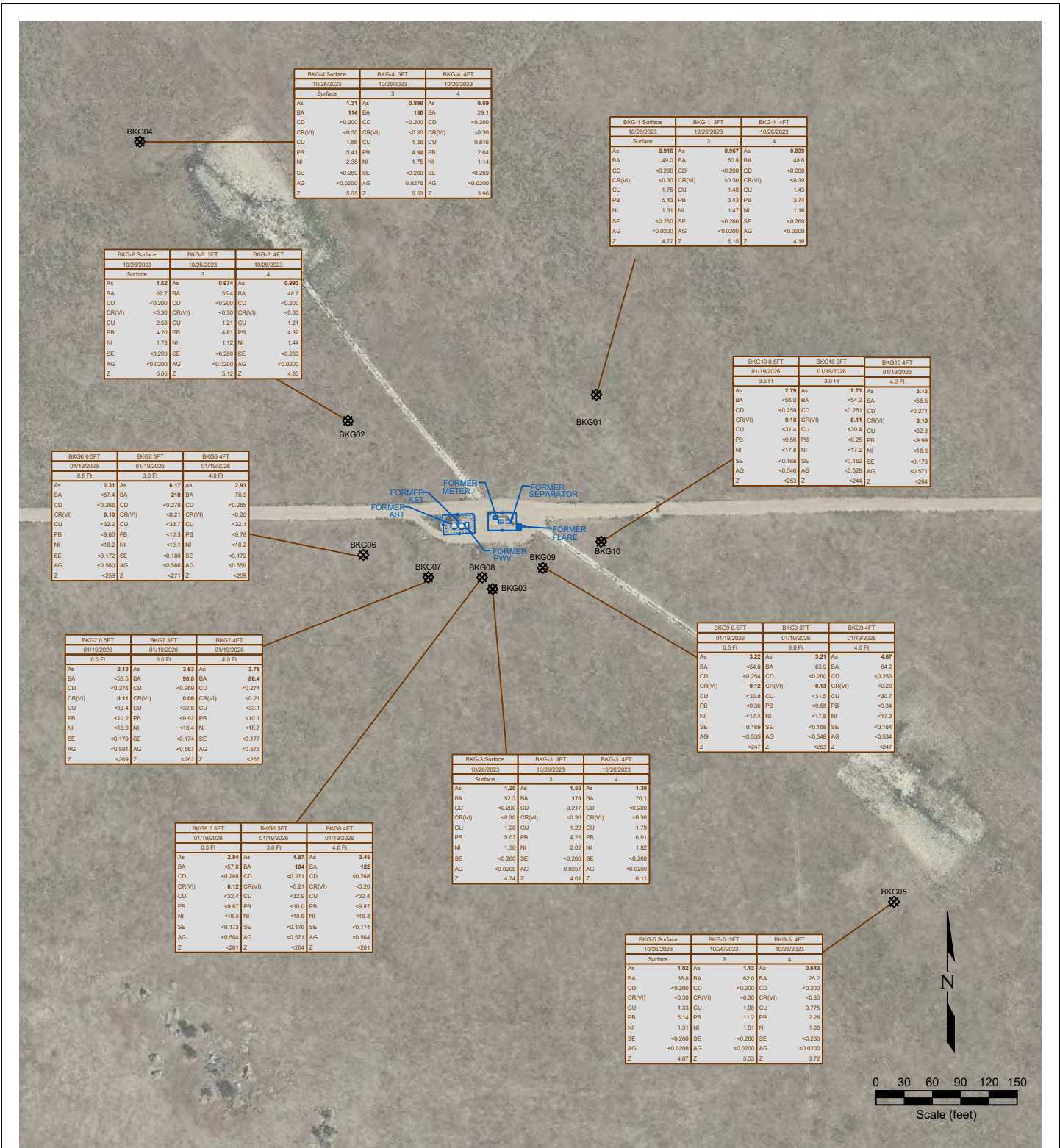
LEGEND

- SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL
- FENCE LINE

10/25/2023	DATE SAMPLED	10/25/2023	DATE SAMPLED
AST E CEN. SURF.	SAMPLE ID & DEPTH (ft)	AST W CEN. SURF.	SAMPLE ID & DEPTH (ft)
As	0.824	As	0.111
BA	29.8	BA	7.70
CD	<-0.200	CD	0.185
CU	1.77	CU	<-2.00
PB	3.47		
NI	1.02		
SE	<-0.260		
AG	<-0.0200		
CR(VI)	<-0.30		
Z	6.2		

Figure 4
METALS AND INORGANIC SOIL CHEMISTRY MAP
 Noble Energy, Inc.
 Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864	
Date 3/5/26	Remediation # 30318	Filename 23273Q	



LEGEND

- WELL HEAD LOCATION
- ABOVE GROUND STORAGE TANK
- ◻ FORMER FACILITY
- FENCE LINE
- ▤ CONTAINMENT BERM
- CONTAINMENT WALL
- ⊗ SOIL SAMPLE LOCATION

SAMPLE	SAMPLE ID
DATE	DATE SAMPLED
DEPTH	DEPTH (ft)
As	ARSENIC (mg/kg)
BA	BARIUM (mg/kg)
CD	CADMIUM (mg/kg)
CR(VI)	CHROMIUM (mg/kg)
CU	COPPER (mg/kg)
PB	LEAD (mg/kg)
Ni	NICKEL (mg/kg)
SE	SELENIUM (mg/kg)
AG	SILVER (mg/kg)
Z	ZINC (mg/kg)

**Figure 5
BACKGROUND SAMPLES METALS IN SOIL CHEMISTRY MAP**

Noble Energy, Inc.
Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864
Date 3/5/26	Remediation # 30318	Filename 23273QBKG



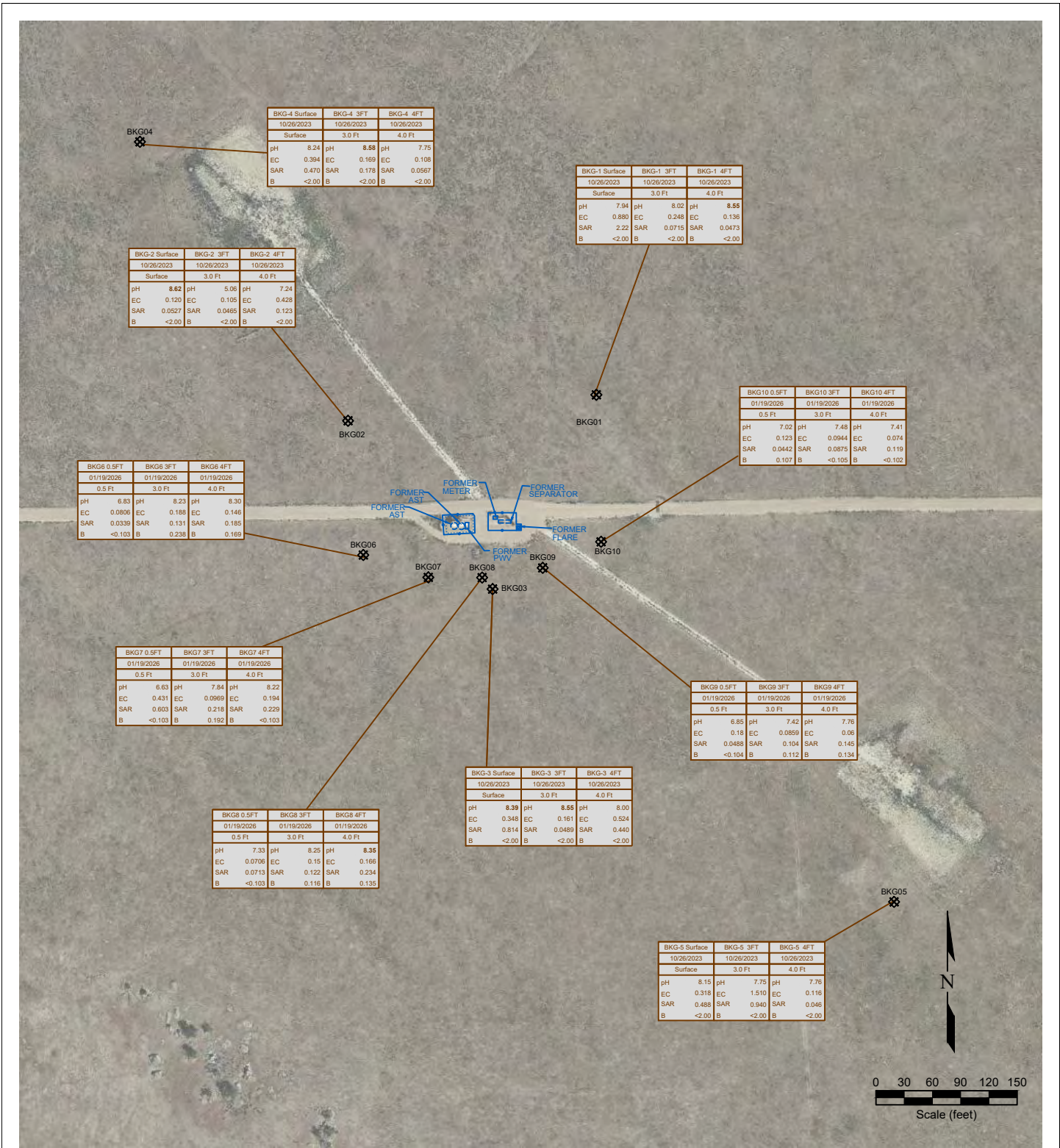


Figure 6
BACKGROUND SAMPLES INORGANIC SOIL CHEMISTRY MAP
 Noble Energy, Inc.
 Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864	
Date 3/5/26	Remediation # 30318	Filename 23273QBKG	



LEGEND

- PROPOSED SOIL RESAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- CONTAINMENT WALL
- FENCE LINE

**Figure 7
PROPOSED SOIL RESAMPLE LOCATION MAP**

Noble Energy, Inc.
Degenhart USX AE-66N-62W 17NWNW
 NWNW Section 17, T6N, R62W, 6th PM
 Weld County, Colorado
 40.490367°, -104.352137°

Project No. C023-273	API #	Facility # 310864
Date 3/9/26	Remediation # 30318	Filename 23273Q



TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

Sample ID	Sample Date	Depth	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude	Longitude		
AST E CEN. SURF.	10/25/2023	Surface	40.490	-104.35	-	0
AST W CEN. SURF.	10/25/2023	Surface	40.4903187	-104.35250	-	0
(Separator) Surface	10/25/2023	Surface	40.4903492	-104.35215	-	0
(Meter Shed) Surface	10/25/2023	Surface	40.4903692	-104.35220	-	0
(Flare) Surface	10/25/2023	Surface	40.4903184	-104.35206	-	0
E LOADOUT	10/25/2023	Surface	40.4903483	-104.35246	-	0
W LOADOUT	10/25/2023	Surface	40.4903471	-104.35250	-	0
E01-2.0	1/29/2025	2.0Ft	40.4903154	-104.35248	0.90	0
N01-2.0	1/29/2025	2.0Ft	40.490333	-104.352502	1.00	0
S01-2.0	1/29/2025	2.0Ft	40.490302	-104.352500	0.90	0
W01-2.0	1/29/2025	2.0Ft	40.490316	-104.352525	0.90	0
DL RISER 3FT ¹	10/25/2023	3.0 Ft	40.490349	-104.352185	-	0
FL SEP. RISER 3FT	10/25/2023	3.0 Ft	40.490361	-104.352131	-	0
(PWV) N Wall 3FT	10/25/2023	3.0 Ft	40.490341	-104.352408	-	0
(PWV) S Wall 3FT	10/25/2023	3.0 Ft	40.4903040	-104.3524048	-	0
(PWV) E Wall 3FT	10/25/2023	3.0 Ft	40.4903191	-104.3523828	-	0
(PWV) W Wall 3FT	10/25/2023	3.0 Ft	40.4903198	-104.3524301	-	0
B01-3.0	1/29/2025	3.0Ft	40.4903162	-104.3524999	0.90	0
PWV FLOOR 4FT	10/25/2023	4.0 Ft	40.4903226	-104.3524073	-	0
DL RISER 3FT(2)	01/19/2026	3.0 Ft	40.490	-104.35	0.80	0
BKG-1 Surface	10/26/2023	Surface	40.49104810	-104.35150340	-	0
BKG-1 3FT	10/26/2023	3.0 Ft	40.49104810	-104.35150340	-	0
BKG-1 4FT	10/26/2023	4.0 Ft	40.49104810	-104.35150340	-	0
BKG-2 Surface	10/26/2023	Surface	40.49090120	-104.35328970	-	0
BKG-2 3FT	10/26/2023	3.0 Ft	40.49090120	-104.35328970	-	0
BKG-2 4FT	10/26/2023	4.0 Ft	40.49090120	-104.35328970	-	0
BKG-3 Surface	10/26/2023	Surface	40.48997110	-104.35225970	-	0
BKG-3 3FT	10/26/2023	3.0 Ft	40.48997110	-104.35225970	-	0
BKG-3 4FT	10/26/2023	4.0 Ft	40.48997110	-104.35225970	-	0
BKG-4 Surface	10/26/2023	Surface	40.49243520	-104.35480780	-	0
BKG-4 3FT	10/26/2023	3.0 Ft	40.49243520	-104.35480780	-	0
BKG-4 4FT	10/26/2023	4.0 Ft	40.49243520	-104.35480780	-	0
BKG-5 Surface	10/26/2023	Surface	40.48825750	-104.34933610	-	0

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

Sample ID	Sample Date	Depth	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude/Longitude			
BKG-5 3FT	10/26/2023	3.0 Ft	40.48825750	-104.34933610	-	0
BKG-4 FT	10/26/2023	4.0 Ft	40.48825750	-104.34933610	-	0
BKG6 0.5FT	01/19/2026	0.5 Ft	40.49018817	-104.35310721	0.90	0
BKG6 3FT	01/19/2026	3.0 Ft	40.49018817	-104.35310721	0.90	0
BKG6 4FT	01/19/2026	4.0 Ft	40.49018817	-104.35310721	0.90	0
BKG7 0.5FT	01/19/2026	0.5 Ft	40.49006700	-104.3526700	-	0
BKG7 3FT	01/19/2026	3.0 Ft	40.49006700	-104.3526700	-	0
BKG7 4FT	01/19/2026	4.0 Ft	40.49006700	-104.3526700	-	0
BKG8 0.5FT	01/19/2026	0.5 Ft	40.49006200	-104.3523050	-	0
BKG8 3FT	01/19/2026	3.0 Ft	40.49006200	-104.3523050	-	0
BKG8 4FT	01/19/2026	4.0 Ft	40.49006200	-104.3523050	-	0
BKG9 0.5FT	01/19/2026	0.5 Ft	40.49011625	-104.3519045	0.80	0
BKG9 3FT	01/19/2026	3.0 Ft	40.49011625	-104.3519045	0.80	0
BKG9 4FT	01/19/2026	4.0 Ft	40.49011625	-104.3519045	0.80	0
BKG10 0.5FT	01/19/2026	0.5 Ft	40.49025224	-104.3515157	0.80	0
BKG10 3FT	01/19/2026	3.0 Ft	40.49025224	-104.3515157	0.80	0
BKG10 4FT	01/19/2026	4.0 Ft	40.49025224	-104.3515157	0.80	0

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

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

¹Resampled for exceeding temperature upon analysis

Material excavated and transported off site for disposal.

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

Sample ID	Sample Date	Depth	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**		
AST E CEN. SURF.	10/25/2023	Surface	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
AST W CEN. SURF.	10/25/2023	Surface	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
DL RISER 3FT	10/25/2023	3.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FL SEP. RISER 3FT	10/25/2023	3.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
PWV FLOOR 4FT	10/25/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
E01-2.0	1/29/2025	2.0Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
N01-2.0	1/29/2025	2.0Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
S01-2.0	1/29/2025	2.0Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
W01-2.0	1/29/2025	2.0Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
B01-3.0	1/29/2025	3.0Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
DL RISER 3FT(2)	01/19/2026	3.0Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.212	<25.9	<104

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. ** Indicates laboratory reporting limit in excess of SSL
 5. *** Summation of GRO+DRO+ORO must be less than 500 mg/kg
 6. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).
- (<) = Analytical result is less than the indicated laboratory reporting limit.
 TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
 TPH-DRO = Total petroleum hydrocarbons - diesel range organics
 TPH-ORO = Total petroleum hydrocarbons - oil range organics
 mg/kg = Milligrams per kilogram
 ft. = Feet
 bgs = Below ground surface
 NA - Not analyzed
- ¹Resampled for exceeding temperature upon analysis
 Material excavated and transported off site for disposal.

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

Sample ID	Sample Date	Depth (ft)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3- cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl- Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
AST E CEN. SURF.	10/25/2023	Surface	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
AST W CEN. SURF.	10/25/2023	Surface	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00529	<0.00500	<0.00500	0.0332	0.0342
DL RISER 3FT	10/25/2023	3.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL SEP. RISER 3FT	10/25/2023	3.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
PWV FLOOR 4FT	10/25/2023	4.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
E01-2.0	1/29/2025	2.0Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
N01-2.0	1/29/2025	2.0Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
S01-2.0	1/29/2025	2.0Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
W01-2.0	1/29/2025	2.0Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
B01-3.0	1/29/2025	3.0Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
DL RISER 3FT(2)	01/19/2026	3.0Ft	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002

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. ** Indicates laboratory reporting limit in excess of SSL
5. *** Summation of GRO+DRO+ORO must be less than 500 mg/kg
6. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).
(<) = Analytical result is less than the indicated laboratory reporting limit.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
ft. = Feet
bgs = Below ground surface
NA = Not analyzed
¹Resampled for exceeding temperature upon analysis
Material excavated and transported off site for disposal.

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

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
AST E CEN. SURF.	10/25/2023	Surface	7.75	0.185	0.111	<2.00
AST W CEN. SURF.	10/25/2023	Surface	6.99	0.226	0.304	<2.00
DL RISER 3FT	10/25/2023	3.0 Ft	8.65	0.206	0.879	<2.00
FL SEP. RISER 3FT	10/25/2023	3.0 Ft	8.34	0.124	0.0413	<2.00
PWV FLOOR 4FT	10/25/2023	4.0 Ft	8.30	0.121	0.0327	<2.00
E01-2.0	1/29/2025	2.0Ft	8.49	0.170	0.566	<2.00
N01-2.0	1/29/2025	2.0Ft	8.26	0.298	1.45	<2.00
S01-2.0	1/29/2025	2.0Ft	8.67	0.0958	0.0248	<2.00
W01-2.0	1/29/2025	2.0Ft	8.46	0.172	0.412	<2.00
B01-3.0	1/29/2025	3.0Ft	8.59	0.109	0.106	<2.00
DL RISER 3FT(2)	01/19/2026	3.0Ft	8.11	0.303	0.494	<0.104
BKG-1 Surface	10/26/2023	Surface	7.94	0.880	2.22	<2.00
BKG-2 Surface	10/26/2023	Surface	8.62	0.120	0.0527	<2.00
BKG-3 Surface	10/26/2023	Surface	8.39	0.348	0.814	<2.00
BKG-4 Surface	10/26/2023	Surface	8.24	0.394	0.470	<2.00
BKG-5 Surface	10/26/2023	Surface	8.15	0.318	0.488	<2.00
BKG-1 3FT	10/26/2023	3.0 Ft	8.02	0.248	0.0715	<2.00
BKG-2 3FT	10/26/2023	3.0 Ft	5.06	0.105	0.0465	<2.00
BKG-3 3FT	10/26/2023	3.0 Ft	8.55	0.161	0.0489	<2.00
BKG-4 3FT	10/26/2023	3.0 Ft	8.58	0.169	0.178	<2.00
BKG-5 3FT	10/26/2023	3.0 Ft	7.75	1.51	0.940	<2.00
BKG-1 4FT	10/26/2023	4.0 Ft	8.55	0.136	0.0473	<2.00
BKG-2 4FT	10/26/2023	4.0 Ft	7.24	0.428	0.123	<2.00
BKG-3 4FT	10/26/2023	4.0 Ft	8.00	0.524	0.440	<2.00
BKG-4 4FT	10/26/2023	4.0 Ft	7.75	0.108	0.0567	<2.00
BKG-5 4FT	10/26/2023	4.0 Ft	7.76	0.116	0.046	<2.00
BKG6 0.5FT	01/19/2026	0.5 Ft	6.83	0.0806	0.0339	<0.103

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
DEGENHART USX AE 66N62W 17NWNW, WELD COUNTY, COLORADO
REM # 30318

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
BKG6 3FT	01/19/2026	3.0 Ft	8.23	0.188	0.131	0.238
BKG6 4FT	01/19/2026	4.0 Ft	8.30	0.146	0.185	0.169
BKG7 0.5FT	01/19/2026	0.5 Ft	6.63	0.431	0.603	<0.103
BKG7 3FT	01/19/2026	3.0 Ft	7.84	0.0969	0.218	0.192
BKG7 4FT	01/19/2026	4.0 Ft	8.22	0.194	0.229	<0.103
BKG8 0.5FT	01/19/2026	0.5 Ft	7.33	0.0706	0.0713	<0.103
BKG8 3FT	01/19/2026	3.0 Ft	8.25	0.150	0.122	0.116
BKG8 4FT	01/19/2026	4.0 Ft	8.35	0.166	0.234	0.135
BKG9 0.5FT	01/19/2026	0.5 Ft	6.85	0.180	0.0488	<0.104
BKG9 3FT	01/19/2026	3.0 Ft	7.42	0.0859	0.104	0.112
BKG9 4FT	01/19/2026	4.0 Ft	7.76	0.06	0.145	0.134
BKG10 0.5FT	01/19/2026	0.5 Ft	7.02	0.123	0.0442	0.107
BKG10 3FT	01/19/2026	3.0 Ft	7.48	0.0944	0.0875	<0.105
BKG10 4FT	01/19/2026	4.0 Ft	7.41	0.074	0.119	<0.102
Maximum Background Concentration			8.62	1.51	2.22	0.238

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.

2. **Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

3. Brown highlighted soil analytical values indicate a regulatory exceedance.

4. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).

NA - Not analyzed

¹Resampled for exceeding temperature upon analysis

Material excavated and transported off site for disposal.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
OPERATOR (NOBLE 100322 OR PDC 69175)
SITE NAME, X COUNTY, COLORADO
REM #

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
AST E CEN. SURF.	10/25/2023	Surface	0.824	29.8	<0.200	<0.30**	1.77	3.47	1.02	<0.260	<0.0200	6.16
AST W CEN. SURF.	10/25/2023	Surface	0.693	25.3	<0.200	<0.30**	1.46	1.83	0.979	<0.260	<0.0200	3.76
DL RISER 3FT	10/25/2023	3.0 Ft	0.771	64.4	<0.200	<0.30**	1.30	4.51	1.36	<0.260	<0.0200	4.99
FL SEP. RISER 3FT	10/25/2023	3.0 Ft	1.33	90	<0.200	<0.30**	3.85	9.73	2.11	0.260	0.0298	7.65
PWV FLOOR 4FT	10/25/2023	4.0 Ft	1.50	123	<0.200	<0.30**	1.66	5.56	1.72	<0.260	<0.0200	6.08
E01-2.0	1/29/2025	2.0 Ft	2.67	84.7	<0.200	<0.30**	4.38	5.64	4.72	<0.260	0.0211	16.4
N01-2.0	1/29/2025	2.0 Ft	2.41	57.6	<0.200	<0.30**	5.38	6.27	4.44	<0.260	0.0449	18.2
S01-2.0	1/29/2025	2.0 Ft	3.07	64.5	<0.200	<0.30**	3.19	5.30	3.99	<0.260	0.0229	14.4
W01-2.0	1/29/2025	2.0 Ft	2.85	72.4	0.204	<0.30**	5.00	7.07	4.25	<0.260	0.0474	18.5
B01-3.0	1/29/2025	3.0 Ft	2.39	64.2	<0.200	<0.30**	2.86	3.95	3.19	<0.260	<0.0200	10.4
DL RISER 3FT(2)	01/19/2026	3.0 Ft	4.93	89.2	<0.274	0.10	<33.2	11.6	<18.7	<0.177	<0.577	<267
BKG-1 Surface	10/26/2023	Surface	0.916	49.0	<0.200	<0.30**	1.75	5.43	1.31	<0.260	<0.0200	4.77
BKG-2 Surface	10/26/2023	Surface	1.62	66.7	<0.200	<0.30**	2.53	4.20	1.73	<0.260	<0.0200	5.65
BKG-3 Surface	10/26/2023	Surface	1.20	52.3	<0.200	<0.30**	1.28	5.03	1.36	<0.260	<0.0200	4.74
BKG-4 Surface	10/26/2023	Surface	1.31	114	<0.200	<0.30**	1.86	5.41	2.35	<0.260	<0.0200	5.55
BKG-5 Surface	10/26/2023	Surface	1.02	36.8	<0.200	<0.30**	1.33	5.14	1.31	<0.260	<0.0200	4.67
BKG-1 3FT	10/26/2023	3.0 Ft	0.967	50.8	<0.200	<0.30**	1.48	3.43	1.47	<0.260	<0.0200	5.15
BKG-2 3FT	10/26/2023	3.0 Ft	0.974	35.4	<0.200	<0.30**	1.21	4.81	1.12	<0.260	<0.0200	5.12
BKG-3 3FT	10/26/2023	3.0 Ft	1.50	170	0.217	<0.30**	1.23	4.21	2.02	<0.260	0.0257	4.61
BKG-4 3FT	10/26/2023	3.0 Ft	0.898	150	<0.200	<0.30**	1.36	4.94	1.75	<0.260	0.0276	5.53
BKG-5 3FT	10/26/2023	3.0 Ft	1.13	62.0	<0.200	<0.30**	1.98	11.2	1.51	<0.260	<0.0200	5.53
BKG-1 4FT	10/26/2023	4.0 Ft	0.839	48.6	<0.200	<0.30**	1.43	3.74	1.16	<0.260	<0.0200	4.18
BKG-2 4FT	10/26/2023	4.0 Ft	0.993	48.7	<0.200	<0.30**	1.21	4.32	1.44	<0.260	<0.0200	4.85
BKG-3 4FT	10/26/2023	4.0 Ft	1.30	70.1	<0.200	<0.30**	1.79	6.01	1.82	<0.260	<0.0200	6.11
BKG-4 4FT	10/26/2023	4.0 Ft	0.69	29.1	<0.200	<0.30**	0.816	2.64	1.14	<0.260	<0.0200	3.96
BKG-5 4FT	10/26/2023	4.0 Ft	0.643	25.2	<0.200	<0.30**	0.775	2.28	1.06	<0.260	<0.0200	3.72
BKG6 0.5FT	01/19/2026	0.5 Ft	2.31	<57.4	<0.266	0.10	<32.2	<9.80	<18.2	<0.172	<0.560	<259
BKG6 3FT	01/19/2026	3.0 Ft	6.17	210	<0.278	<0.21**	<33.7	<10.3	<19.1	<0.180	<0.586	<271
BKG6 4FT	01/19/2026	4.0 Ft	2.93	78.9	<0.265	<0.20**	<32.1	<9.78	<18.2	<0.172	<0.559	<259
BKG7 0.5FT	01/19/2026	0.5 Ft	2.13	<59.5	<0.276	0.11	<33.4	<10.2	<18.9	<0.179	<0.581	<269

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
OPERATOR (NOBLE 100322 OR PDC 69175)
SITE NAME, X COUNTY, COLORADO
REM #

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
BKG7 3FT	01/19/2026	3.0 Ft	3.63	96.8	<0.269	0.08	<32.6	<9.92	<18.4	<0.174	<0.567	<262
BKG7 4FT	01/19/2026	4.0 Ft	3.78	86.4	<0.274	<0.21**	<33.1	<10.1	<18.7	<0.177	<0.576	<266
BKG8 0.5FT	01/19/2026	0.5 Ft	2.94	<57.8	<0.268	0.12	<32.4	<9.87	<18.3	<0.173	<0.564	<261
BKG8 3FT	01/19/2026	3.0 Ft	4.87	104	<0.271	<0.21**	<32.9	<10.0	<18.6	<0.176	<0.571	<264
BKG8 4FT	01/19/2026	4.0 Ft	3.45	122	<0.268	<0.20**	<32.4	<9.87	<18.3	<0.174	<0.564	<261
BKG9 0.5FT	01/19/2026	0.5 Ft	3.22	<54.8	<0.254	0.12	<30.8	<9.36	<17.4	0.169	<0.535	<247
BKG9 3FT	01/19/2026	3.0 Ft	3.21	63.9	<0.260	0.13	<31.5	<9.58	<17.8	<0.168	<0.548	<253
BKG9 4FT	01/19/2026	4.0 Ft	4.67	64.2	<0.253	<0.20**	<30.7	<9.34	<17.3	<0.164	<0.534	<247
BKG10 0.5FT	01/19/2026	0.5 Ft	2.79	<56.0	<0.259	0.10	<31.4	<9.56	<17.8	<0.168	<0.546	<253
BKG10 3FT	01/19/2026	3.0 Ft	2.71	<54.2	<0.251	0.11	<30.4	<9.25	<17.2	<0.162	<0.528	<244
BKG10 4FT	01/19/2026	4.0 Ft	3.13	<58.5	<0.271	0.10	<32.8	<9.99	<18.6	<0.176	<0.571	<264
1.25x Maximum Background Concentration			7.71	263	0.271	0.16	3.16	14.0	2.94	0.211	0.0345	7.64

- Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- Non-detect background results accounted for in the highest background concentration by using the reporting limit.
- Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

* Indicates laboratory minimum detection limit in excess of SSL

** Indicates laboratory reporting limit in excess of SSL

NA - Not analyzed

¹Resampled for exceeding temperature upon analysis

Material excavated and transported off site for disposal.