

TABLE 1
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
OSCAR SEPARATOR, WELD COUNTY, COLORADO
REM #

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**		
Waste Char	11/18/2024	0.2	<0.20	18	13	110	110	28	11	28100	3000	21000	4100
FS-01	11/22/2024	1	<0.0020	<0.0050	<0.0050	<0.010	0.034	0.013	<0.0038	0.91	0.91	<50	<50
FS-02	11/22/2024	1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-03	11/22/2024	1	<0.0020	<0.0050	<0.0050	<0.010	0.013	0.0068	0.0061	<100.50	<0.50	<50	<50
FS-04	11/22/2024	1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-05	11/22/2024	1	<0.0020	<0.0050	<0.0050	<0.010	0.0088	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-01(2)	12/4/2024	1.25	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-03(2)	12/4/2024	1.25	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-05(2)	12/4/2024	1.25	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<100.50	<0.50	<50	<50
FS-02	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending
FS-04	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending

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
- NA - Not analyzed

= Source material characterization sample, excavated and transported off site for disposal.

= Material excavated and transported off site for disposal.

TABLE 2
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
OSCAR SEPARATOR, WELD COUNTY, COLORADO
REM #

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
Waste Char	11/18/2024	0.2	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0606	0.816	<0.00500	<0.00500	3.37	<0.00500	<0.00500	9.58	14.8
FS-01	11/22/2024	1	<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
FS-02	11/22/2024	1	<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
FS-03	11/22/2024	1	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0162	<0.00500	<0.00500	0.034	0.0524
FS-04	11/22/2024	1	<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
FS-05	11/22/2024	1	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00597	<0.00500	<0.00500	0.0108	0.0171
FS-01(2)	12/4/2024	1.25	<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
FS-03(2)	12/4/2024	1.25	<0.00500	0.00568	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FS-05(2)	12/4/2024	1.25	<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
FS-02	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending
FS-04	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending

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

NA - Not analyzed

 = Source material characterization sample, excavated and transported off site for disposal.
 = Material excavated and transported off site for disposal.

TABLE 3
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
OSCAR SEPARATOR, WELD COUNTY, COLORADO
REM #

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
Waste Char	11/18/2024	0.2	8.66	0.177	0.531	<2.00
FS-01	11/22/2024	1	6.71	0.214	0.0618	<2.00
FS-02	11/22/2024	1	9.19	0.307	0.906	<2.00
FS-03	11/22/2024	1	9.05	0.242	0.755	<2.00
FS-04	11/22/2024	1	8.98	0.11	0.0635	<2.00
FS-05	11/22/2024	1	8.78	0.317	1.76	<2.00
BG-SW-ON	11/22/2024	1	8.95	0.122	0.0414	<2.00
BG-NW-ON	11/22/2024	1	8.81	0.16	0.0643	<2.00
BG-SE-ON	11/22/2024	1	8.78	0.0943	0.589	<2.00
FS-01(2)	12/4/2024	1.25	8.45	0.123	0.0124	<2.00
FS-03(2)	12/4/2024	1.25	8.77	0.163	0.308	<2.00
FS-05(2)	12/4/2024	1.25	8.33	0.325	1.89	<2.00
BG-N	7/22/2024	0.5	7.12	0.106	0.0247	<0.100
BG-S	7/22/2024	0.5	8.63	0.314	0.173	0.186
BG-E	7/22/2024	0.5	8.24	0.262	0.0555	<0.100
BG-W	7/22/2024	0.5	7.76	0.0902	0.0222	<0.100
BG-N-C-ON	12/23/2024	1	9.07	0.276	0.739	<2.00
BG-N-E-ON	12/23/2024	1	9.00	0.171	0.209	<2.00
FS-02(2)	1/9/2025	1.25	pending	pending	pending	pending
FS-04(2)	1/9/2025	1.25	pending	pending	pending	pending
			Resolved	Resolved	Resolved	Resolved
Maximum Root Background Concentration (0 - 3 ft)			9.07			

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

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TABLE 4
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
OSCAR SEPARATOR, WELD 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
Waste Char	11/18/2024	0.2	2.01	61.6	<0.200	<0.30	10.8	4.06	4.64	<0.260	<0.0200	21.3
FS-01	11/22/2024	1	1.85	95.4	<0.200	<0.30	2.79	5.54	1.99	0.308	<0.0200	21.1
FS-02	11/22/2024	1	1.91	43.7	<0.200	<0.30	5.5	4.38	3.42	<0.260	0.0212	16.6
FS-03	11/22/2024	1	2.15	82.3	<0.200	<0.30	8.02	5.14	3.04	0.296	<0.0200	22.5
FS-04	11/22/2024	1	2.35	78.7	<0.200	<0.30	7.52	4.83	2.86	0.332	0.0218	20.4
FS-05	11/22/2024	1	2.32	93.1	<0.200	<0.30	13.6	5.41	3.42	0.309	0.0296	22.9
BG-SW-ON	11/22/2024	1	2.05	71.1	<0.200	<0.30	5.32	4.75	4.06	<0.260	0.0206	18.8
BG-NW-ON	11/22/2024	1	1.05	25.6	<0.200	<0.30	2.31	3.17	2.11	<0.260	<0.0200	9.99
BG-SE-ON	11/22/2024	1	1.74	38.9	<0.200	<0.30	5.54	4.5	3.39	<0.260	<0.0200	17.8
FS-01(2)	12/4/2024	1.25	2.51	94.8	<0.200	<0.30	5.2	5.59	3.63	<0.260	0.0289	17.1
FS-03(2)	12/4/2024	1.25	1.55	54.7	<0.200	<0.30	6.06	2.96	2.37	<0.260	<0.0200	17.3
FS-05(2)	12/4/2024	1.25	2.01	80.2	<0.200	<0.30	9.41	4.95	3.03	<0.260	0.0255	21.9
BG-N	7/22/2024	0.5	1.78	32.4	0.0995	<0.223	<9.66	6.14	2.88	<0.251	<0.0966	<35.7
BG-S	7/22/2024	0.5	3.15	74.7	0.112	<0.312	<9.38	7.56	7.33	<0.244	<0.0938	<34.7
BG-E	7/22/2024	0.5	1.70	38.3	0.153	<0.363	<8.73	7.19	3.06	<0.227	<0.0873	<32.3
BG-W	7/22/2024	0.5	1.62	35.6	0.106	<0.352	<8.66	5.68	3.02	<0.225	<0.0866	<32.0
BG-N-C-ON	12/23/2024	1	2.23	57.7	<0.200	<0.30	9.17	3.52	3.73	<0.260	0.0208	20.9
BG-N-E-ON	12/23/2024	1	1.95	65.9	<0.200	<0.30	8.61	3.42	2.92	<0.260	<0.0200	22.2
FS-02(2)	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending
FS-04(2)	1/9/2025	1.25	pending	pending	pending	pending	pending	pending	pending	pending	pending	pending
			Resolved	Not resolved						Not resolved		
Maximum Root Zone Background Concentration (0 - 3 ft)			3.15	74.7						0.260		
125% Average Root Zone Background Concentration (0 - 3 ft)			3.94	93.4						0.325		
Maximum Background Concentration												
125% Average Background Concentration												

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

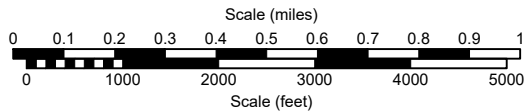
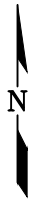
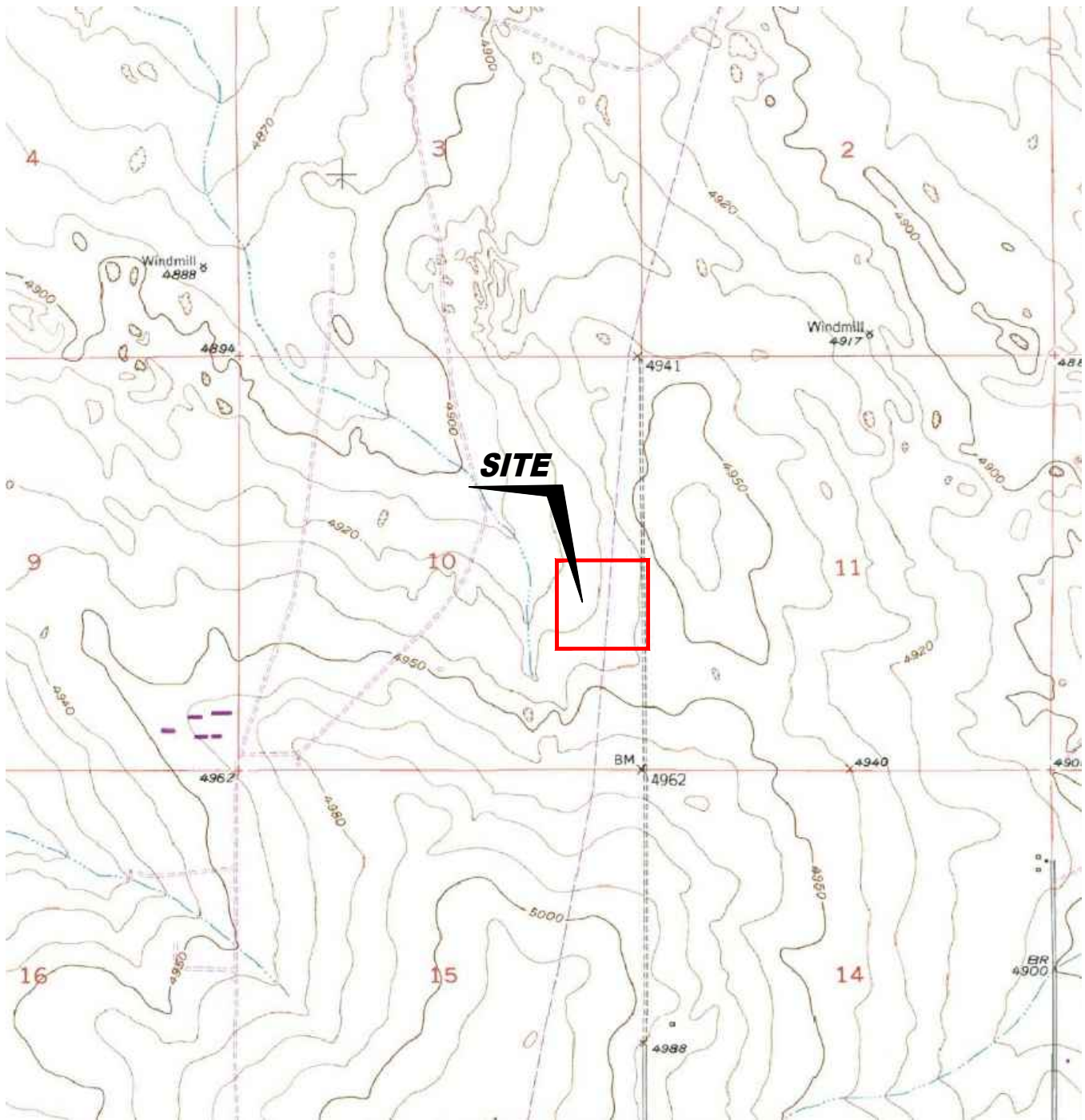
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)

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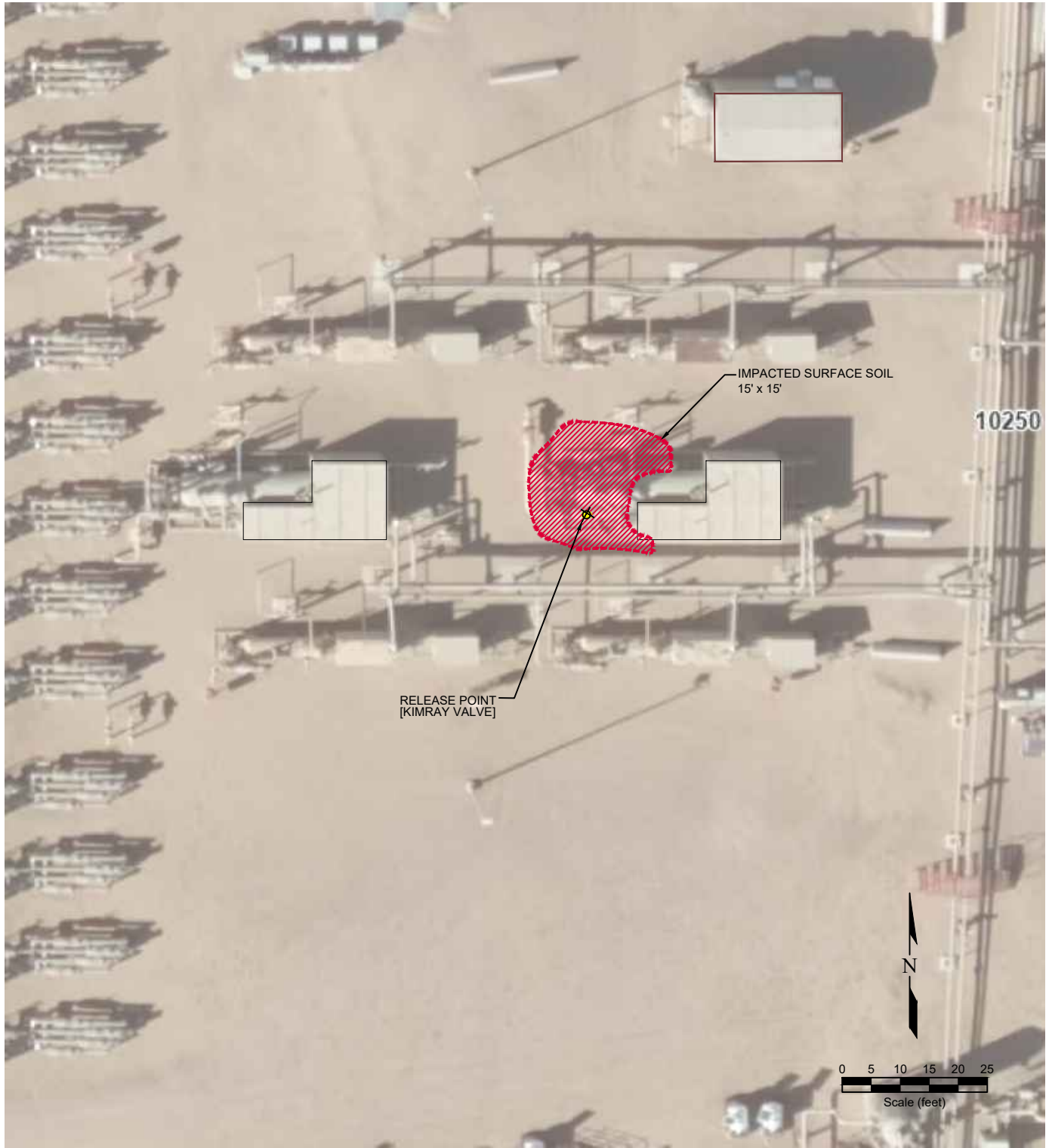
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Noble Energy, Inc. ~ Oscar SW Facility
 NESE Sec. 10, T2N, R64W, 6th PM
 Weld County, Colorado
 40.152059°, -104.542241°

Project No. CO24-250	API #	Facility # 434482
Date 1/22/25	Remediation #	Filename 24250T





LEGEND

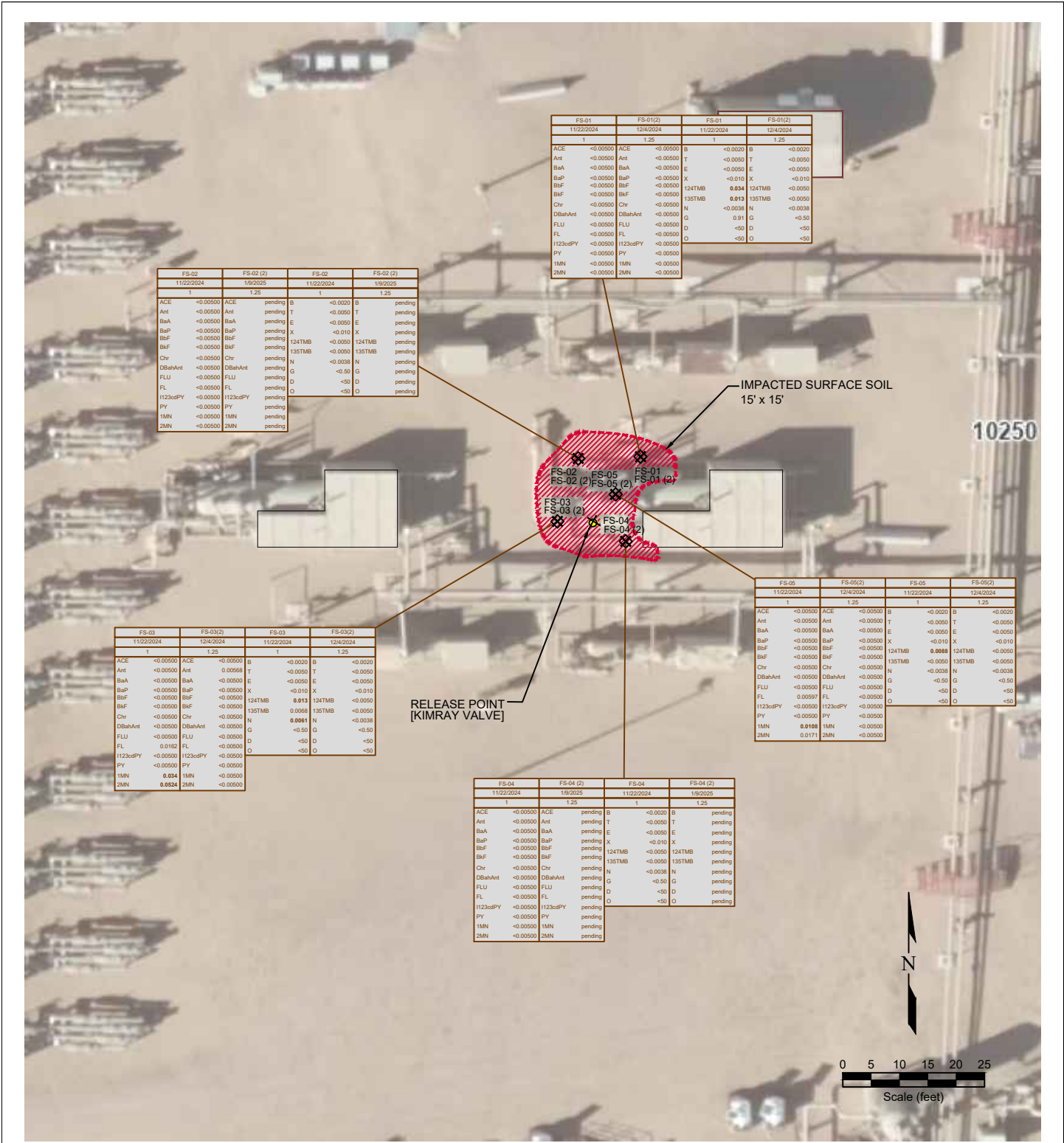
-  POINT OF RELEASE
-  ABOVE GROUND STORAGE TANK
-  FORMER FACILITY
-  IMPACTED SURFACE SOIL
-  IMPACTED AREA
-  BUILDING
-  BUILDING
-  FENCE LINE
-  CONTAINMENT BERM
-  CONTAINMENT WALL

**Figure 2
SITE MAP**

Noble Energy, Inc. ~ Oscar SW Facility
 NESE Sec. 10, T2N, R64W, 6th PM
 Weld County, Colorado
 40.152059°, -104.542241°

Project No. CO24-250	API #	Facility # 434482
Date 1/22/25	Remediation #	Filename 24250Q





FS-02		FS-02 (2)		FS-02		FS-02 (2)	
11/22/2024		1/8/2025		11/22/2024		1/8/2025	
1		1.25		1		1.25	
ACE	<0.00500	ACE	pending	B	<0.0020	B	pending
Ant	<0.00500	Ant	pending	T	<0.0050	T	pending
BaA	<0.00500	BaA	pending	E	<0.0050	E	pending
BaP	<0.00500	BaP	pending	X	<0.010	X	pending
BbF	<0.00500	BbF	pending	124TMB	<0.0050	124TMB	pending
BkF	<0.00500	BkF	pending	135TMB	<0.0050	135TMB	pending
Chr	<0.00500	Chr	pending	N	<0.0038	N	pending
DBahAnt	<0.00500	DBahAnt	pending	G	<0.50	G	pending
FLU	<0.00500	FLU	pending	D	<50	D	pending
FL	<0.00500	FL	pending	O	<50	O	pending
H123cdPY	<0.00500	H123cdPY	pending				
PY	<0.00500	PY	pending				
1MN	<0.00500	1MN	pending				
2MN	<0.00500	2MN	pending				

FS-01		FS-01(2)		FS-01		FS-01(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1.25		1		1.25	
ACE	<0.00500	ACE	<0.00500	B	<0.0020	B	<0.0020
Ant	<0.00500	Ant	<0.00500	T	<0.0050	T	<0.0050
BaA	<0.00500	BaA	<0.00500	E	<0.0050	E	<0.0050
BaP	<0.00500	BaP	<0.00500	X	<0.010	X	<0.010
BbF	<0.00500	BbF	<0.00500	124TMB	0.034	124TMB	<0.0050
BkF	<0.00500	BkF	<0.00500	135TMB	0.013	135TMB	<0.0050
Chr	<0.00500	Chr	<0.00500	N	<0.0038	N	<0.0038
DBahAnt	<0.00500	DBahAnt	<0.00500	G	0.91	G	<50
FLU	<0.00500	FLU	<0.00500	D	<50	D	<50
FL	<0.00500	FL	<0.00500	O	<50	O	<50
H123cdPY	<0.00500	H123cdPY	<0.00500				
PY	<0.00500	PY	<0.00500				
1MN	<0.00500	1MN	<0.00500				
2MN	<0.00500	2MN	<0.00500				

FS-03		FS-03(2)		FS-03		FS-03(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1.25		1		1.25	
ACE	<0.00500	ACE	<0.00500	B	<0.0020	B	<0.0020
Ant	<0.00500	Ant	0.00568	T	<0.0050	T	<0.0050
BaA	<0.00500	BaA	<0.00500	E	<0.0050	E	<0.0050
BaP	<0.00500	BaP	<0.00500	X	<0.010	X	<0.010
BbF	<0.00500	BbF	<0.00500	124TMB	0.013	124TMB	<0.0050
BkF	<0.00500	BkF	<0.00500	135TMB	0.0061	135TMB	<0.0050
Chr	<0.00500	Chr	<0.00500	N	<0.0038	N	<0.0038
DBahAnt	<0.00500	DBahAnt	<0.00500	G	<0.50	G	<50
FLU	<0.00500	FLU	<0.00500	D	<50	D	<50
FL	0.0162	FL	<0.00500	O	<50	O	<50
H123cdPY	<0.00500	H123cdPY	<0.00500				
PY	<0.00500	PY	<0.00500				
1MN	0.034	1MN	<0.00500				
2MN	0.0524	2MN	<0.00500				

FS-05		FS-05(2)		FS-05		FS-05(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1.25		1		1.25	
ACE	<0.00500	ACE	<0.00500	B	<0.0020	B	<0.0020
Ant	<0.00500	Ant	<0.00500	T	<0.0050	T	<0.0050
BaA	<0.00500	BaA	<0.00500	E	<0.0050	E	<0.0050
BaP	<0.00500	BaP	<0.00500	X	<0.010	X	<0.010
BbF	<0.00500	BbF	<0.00500	124TMB	0.0088	124TMB	<0.0050
BkF	<0.00500	BkF	<0.00500	135TMB	<0.0050	135TMB	<0.0050
Chr	<0.00500	Chr	<0.00500	N	<0.0038	N	<0.0038
DBahAnt	<0.00500	DBahAnt	<0.00500	G	<0.50	G	<50
FLU	<0.00500	FLU	<0.00500	D	<50	D	<50
FL	0.00959	FL	<0.00500	O	<50	O	<50
H123cdPY	<0.00500	H123cdPY	<0.00500				
PY	<0.00500	PY	<0.00500				
1MN	0.0108	1MN	<0.00500				
2MN	0.0177	2MN	<0.00500				

FS-04		FS-04 (2)		FS-04		FS-04 (2)	
11/22/2024		1/8/2025		11/22/2024		1/8/2025	
1		1.25		1		1.25	
ACE	<0.00500	ACE	pending	B	<0.0020	B	pending
Ant	<0.00500	Ant	pending	T	<0.0050	T	pending
BaA	<0.00500	BaA	pending	E	<0.0050	E	pending
BaP	<0.00500	BaP	pending	X	<0.010	X	pending
BbF	<0.00500	BbF	pending	124TMB	<0.0050	124TMB	pending
BkF	<0.00500	BkF	pending	135TMB	<0.0050	135TMB	pending
Chr	<0.00500	Chr	pending	N	<0.0038	N	pending
DBahAnt	<0.00500	DBahAnt	pending	G	<0.50	G	pending
FLU	<0.00500	FLU	pending	D	<50	D	pending
FL	<0.00500	FL	pending	O	<50	O	pending
H123cdPY	<0.00500	H123cdPY	pending				
PY	<0.00500	PY	pending				
1MN	<0.00500	1MN	pending				
2MN	<0.00500	2MN	pending				

LEGEND

- POINT OF RELEASE (Yellow star)
- ABOVE GROUND STORAGE TANK (Red circle)
- FORMER FACILITY (Blue dashed box)
- IMPACTED SURFACE SOIL (Red hatched area)
- SOIL SAMPLE LOCATION (Black star)
- IMPACTED AREA (Red hatched area)
- BUILDING (Black outline)
- FORMER BUILDING (Blue dashed outline)
- FENCE LINE (Green dashed line)
- CONTAINMENT BERM (Green dashed line)
- CONTAINMENT WALL (Green dashed line)

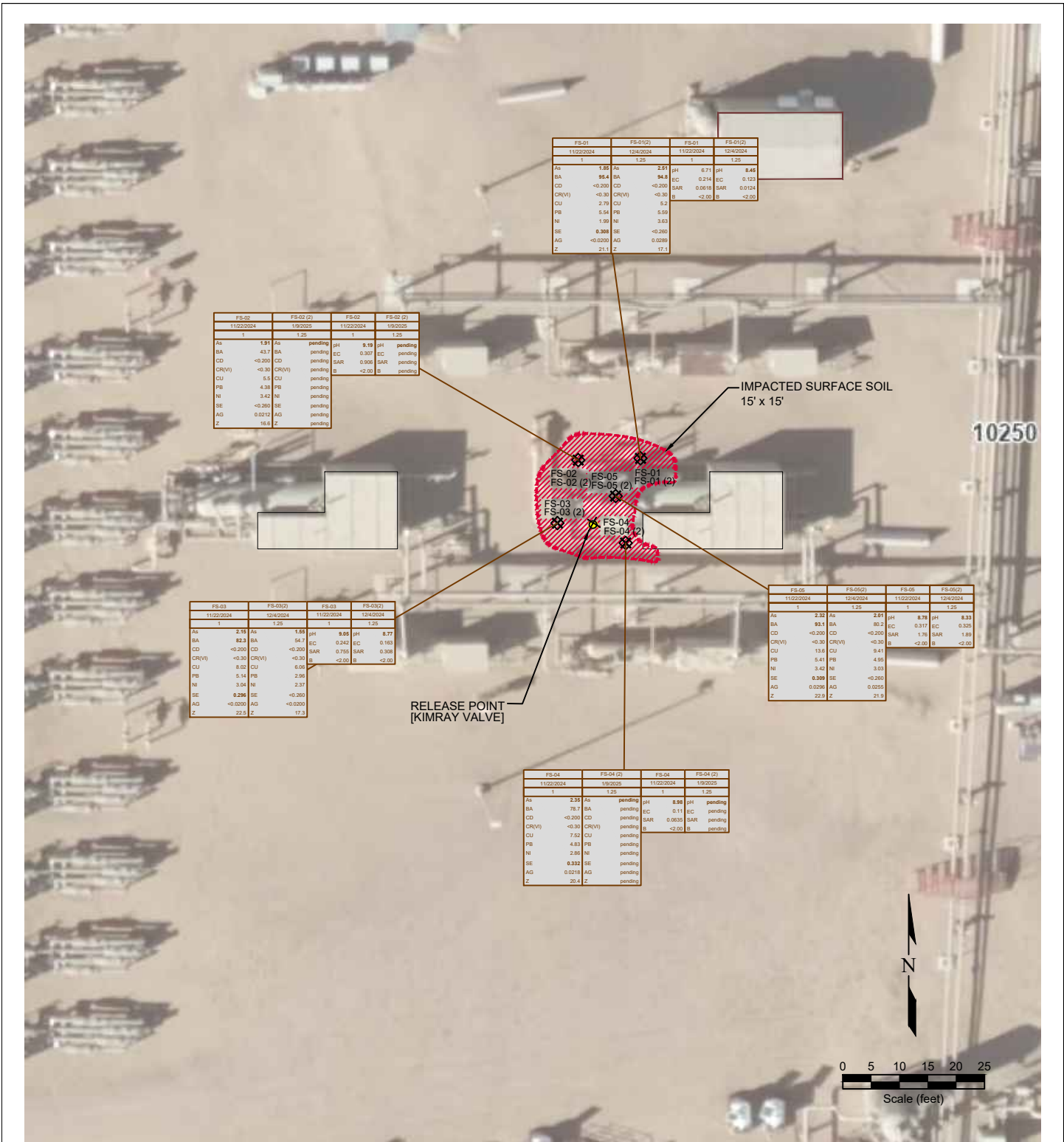
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
DATE	DATE	DATE	DATE
DEPTH	DEPTH	DEPTH	DEPTH
ACE	<0.00500	A	<0.0020
Ant	<0.00500	T	<0.0050
BaA	<0.00500	E	<0.0050
BaP	<0.00500	X	<0.010
BbF	<0.00500	124TMB	<0.0050
BkF	<0.00500	135TMB	<0.0050
Chr	<0.00500	N	<0.0038
DBahAnt	<0.00500	G	<0.50
FLU	<0.00500	D	<50
FL	<0.00500	O	<50
H123cdPY	<0.00500		
PY	<0.00500		
1MN	<0.00500		
2MN	<0.00500		

Figure 3
ORGANIC SOIL CHEMISTRY MAP

Noble Energy, Inc. ~ Oscar SW Facility
 NESE Sec. 10, 2T2N, R64W, 6th PM
 Weld County, Colorado
 40.152059°, -104.542241°

Project No. CO24-250	API #	Facility # 434482
Date 1/22/25	Remediation #	Filename 24250Q

REMONT ENVIRONMENTAL



FS-01		FS-01(2)		FS-01		FS-01(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1,25		1		1,25	
As	1.55	As	2.51	pH	8.71	pH	8.45
BA	95.4	BA	94.5	EC	0.274	EC	0.123
CD	<-0.200	CD	<-0.200	SAR	0.0618	SAR	0.0124
CR(VI)	<-0.30	CR(VI)	<-0.30	B	<-2.00	B	<-2.00
CU	2.79	CU	5.2				
PB	5.54	PB	5.55				
Ni	1.99	Ni	3.63				
SE	0.389	SE	<-0.200				
AG	<-0.0200	AG	0.0289				
Z	21.1	Z	17.1				

FS-02		FS-02 (2)		FS-02		FS-02 (2)	
11/22/2024		1/9/2025		11/22/2024		1/9/2025	
1		1,25		1		1,25	
As	1.91	As	pending	pH	9.19	pH	pending
BA	43.7	BA	pending	EC	0.307	EC	pending
CD	<-0.200	CD	pending	SAR	0.905	SAR	pending
CR(VI)	<-0.30	CR(VI)	pending	B	<-2.00	B	pending
CU	5.5	CU	pending				
PB	4.38	PB	pending				
Ni	3.42	Ni	pending				
SE	<-0.200	SE	pending				
AG	0.0212	AG	pending				
Z	16.6	Z	pending				

FS-03		FS-03(2)		FS-03		FS-03(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1,25		1		1,25	
As	2.15	As	1.55	pH	8.65	pH	8.77
BA	82.3	BA	95.7	EC	0.242	EC	0.163
CD	<-0.200	CD	<-0.200	SAR	0.763	SAR	0.398
CR(VI)	<-0.30	CR(VI)	<-0.30	B	<-2.00	B	<-2.00
CU	8.02	CU	6.05				
PB	5.14	PB	2.56				
Ni	3.04	Ni	2.37				
SE	0.296	SE	<-0.200				
AG	<-0.0200	AG	<-0.0200				
Z	22.5	Z	17.3				

FS-04		FS-04 (2)		FS-04		FS-04 (2)	
11/22/2024		1/9/2025		11/22/2024		1/9/2025	
1		1,25		1		1,25	
As	2.35	As	pending	pH	8.98	pH	pending
BA	78.7	BA	pending	EC	0.11	EC	pending
CD	<-0.200	CD	pending	SAR	0.0635	SAR	pending
CR(VI)	<-0.30	CR(VI)	pending	B	<-2.00	B	pending
CU	7.52	CU	pending				
PB	4.83	PB	pending				
Ni	2.65	Ni	pending				
SE	0.332	SE	pending				
AG	0.0218	AG	pending				
Z	20.4	Z	pending				

FS-05		FS-05(2)		FS-05		FS-05(2)	
11/22/2024		12/4/2024		11/22/2024		12/4/2024	
1		1,25		1		1,25	
As	2.32	As	2.91	pH	8.78	pH	8.33
BA	93.1	BA	80.2	EC	0.317	EC	0.325
CD	<-0.200	CD	<-0.200	SAR	1.78	SAR	1.89
CR(VI)	<-0.30	CR(VI)	<-0.30	B	<-2.00	B	<-2.00
CU	13.6	CU	9.41				
PB	5.41	PB	4.95				
Ni	3.42	Ni	3.03				
SE	<-0.200	SE	<-0.200				
AG	0.0296	AG	0.0265				
Z	22.9	Z	21.9				

LEGEND

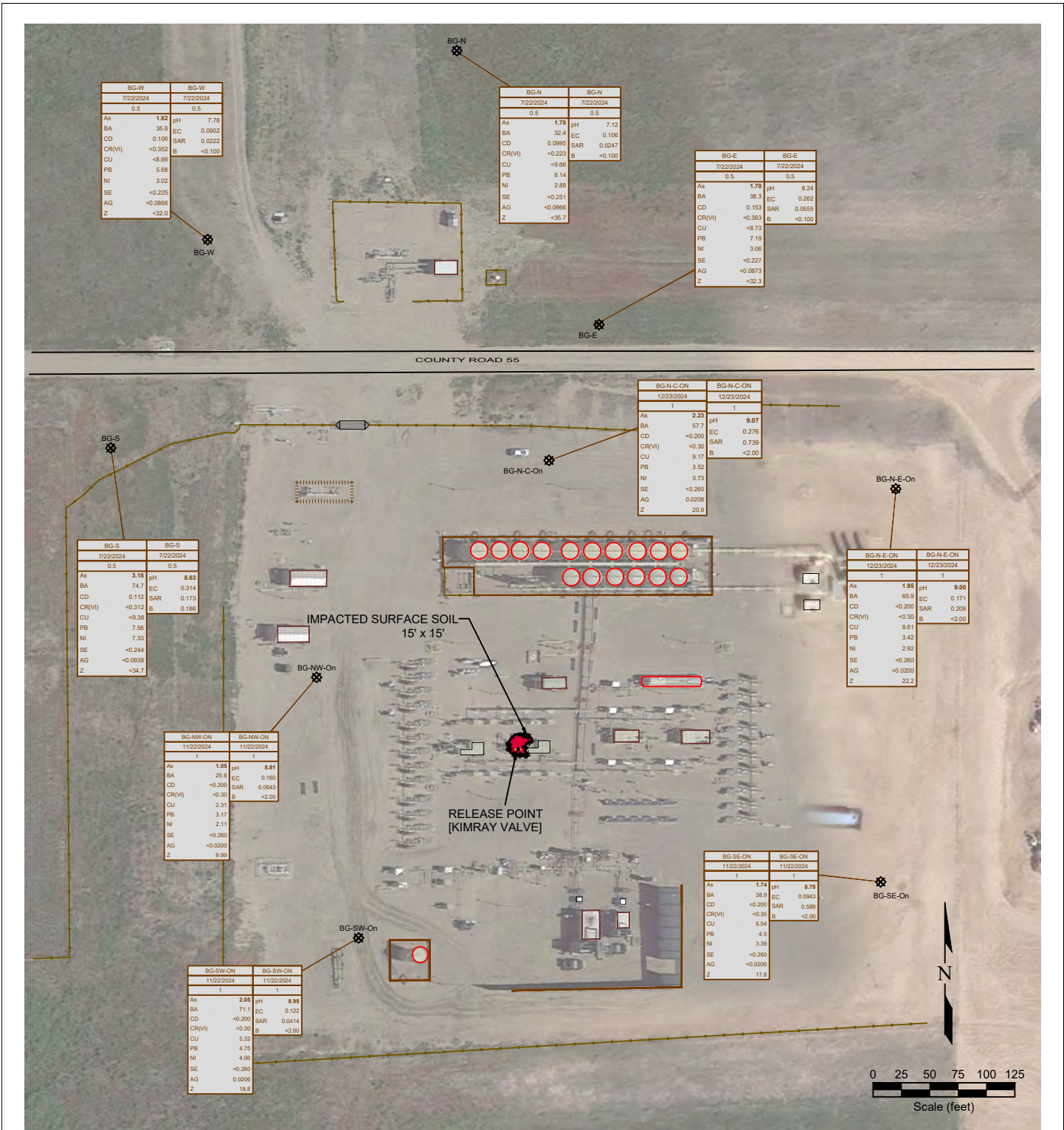
- POINT OF RELEASE
- SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- IMPACTED AREA
- FORMER FACILITY
- BUILDING
- IMPACTED SURFACE SOIL
- FENCE LINE
- CONTAINMENT BERM
- CONTAINMENT WALL

Sample ID	DATE SAMPLED	DEPTH (ft)	AS	BA	CD	CR(VI)	CU	PB	Ni	SE	AG	Z
02	11/18/2024	0.2	2.21	61.4	<-0.200	<-0.30	10.8	4.06	4.44	<-0.200	<-0.0200	23.3
			ARSENIC (mg/kg)	BARIUM (mg/kg)	CADMIUM (mg/kg)	CHROMIUM (mg/kg)	COPPER (mg/kg)	LEAD (mg/kg)	NICKEL (mg/kg)	SELENIUM (mg/kg)	SILVER (mg/kg)	ZINC (mg/kg)
			pH (unitless)	EC (microhm/cm)	SAR (unitless)	BORON (mg/L)						

Figure 4
METALS AND INORGANIC SOIL CHEMISTRY MAP

Noble Energy, Inc. ~ Oscar SW Facility
 NESE Sec. 10, 2T2N, R64W, 6th PM
 Weld County, Colorado
 40.152059°, -104.542241°

Project No. CO24-250	API #	Facility # 434482	
Date 1/22/25	Remediation #	Filename 24250Q	



LEGEND

- POINT OF RELEASE
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- IMPACTED SURFACE SOIL
- SOIL SAMPLE LOCATION
- IMPACTED AREA
- BUILDING
- CONTAINMENT BERM
- CONTAINMENT WALL

SAMPLE DATE	SAMPLE ID	DEPTH (ft)	DATE SAMPLED	SAMPLE ID	DEPTH (ft)	DATE SAMPLED
As	-0.01	ARSENIC (mg/kg)	pH	<0.01	pH (pH units)	
BA	-0.01	BARIUM (mg/kg)	EC	7.00	EC (microhm/cm)	
CD	-0.01	CADMIUM (mg/kg)	SAR	<1	SAR (units)	
CR(V)	-0.01	CHROMIUM (mg/kg)	B	<-3	BORDN (mg/L)	
CU	-0.01	COPPER (mg/kg)				
PB	-0.01	LEAD (mg/kg)				
NI	-0.01	NICKEL (mg/kg)				
SE	-0.01	SELENIUM (mg/kg)				
AG	-0.01	SILVER (mg/kg)				
Z	-0.01	ZINC (mg/kg)				

Figure 5

BACKGROUND SAMPLE SOIL CHEMISTRY MAP

Noble Energy, Inc. ~ Oscar SW Facility
 NESE Sec. 10, T2N, R64W, 6th PM
 Weld County, Colorado
 40.152059°, -104.542241°

Project No. CO24-250	API #	Facility # 434482	
Date 1/22/25	Remediation #	Filename 24250QBKG	