

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**NOBLE 100322**  
**UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO**  
**REM # 22296**

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
EAST01@6.0"	6/20/2022	0.5 Ft	40.3780940	-104.5197040	-	0.3
WAST01@6.0"	6/20/2022	0.5 Ft	40.3780910	-104.5197670	-	0.1
SEP01@6.0"	6/20/2022	0.5 Ft	40.3780910	-104.5201070	-	0.3
EPWVB01@7.0'	6/20/2022	7.0 Ft	40.3781050	-104.5198270	-	9.7
EPWVN01@6.0'	6/20/2022	6.0 Ft	40.3781270	-104.5198290	-	1
EPWVS01@6.0'	6/20/2022	6.0 Ft	40.3780850	-104.5198320	-	0.6
EPWVE01@6.0'	6/20/2022	6.0 Ft	40.3781050	-104.5198140	-	0.8
WPWVB01@7.0'	6/20/2022	7.0 Ft	40.3781060	-104.5198530	-	0.8
WPWVN01@6.0'	6/20/2022	6.0 Ft	40.3781280	-104.5198570	-	5.4
WPWVS01@6.0'	6/20/2022	6.0 Ft	40.3780840	-104.5198570	-	0.3
WPWVW01@6.0'	6/20/2022	6.0 Ft	40.3781080	-104.5198760	-	1.7
DL01@3.0'	6/20/2022	3.0 Ft	40.3780930	-104.5200950	-	1
DL02@6.0'	6/20/2022	6.0 Ft	40.3780820	-104.5198800	-	0.6
MET01@6.0"	6/20/2022	0.5 Ft	40.3781310	-104.5201640	-	1.3
MET02@6.0"	6/20/2022	0.5 Ft	40.3780540	-104.5201050	-	0.2
ECD01@6.0"	6/20/2022	0.5 Ft	40.3781460	-104.5202080	-	3.7
ECD02@6.0"	6/20/2022	0.5 Ft	40.3781060	-104.5202100	-	2.1
SB-E 0.5FT	10/29/2024	5 Ft	40.3780845	-104.5196427	1.10	0
SB-E 6FT	10/29/2024	6 Ft	40.3780845	-104.5196427	1.10	0
SB-E 7FT	10/29/2024	7 Ft	40.3780845	-104.5196427	1.10	0
SB-NE 0.5FT	10/29/2024	5 Ft	-104.5202671	40.3778419	1.30	0
SB-NE 6FT	10/29/2024	6 Ft	-104.5202671	40.3778419	1.30	0
SB-NE 7FT	10/29/2024	7 Ft	-104.5202671	40.3778419	1.30	0

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**UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO**  
**REM # 22296**

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
SB-NW 0.5FT	10/29/2024	5 Ft	40.3781415	-104.5198403	1.00	0
SB-NW 6FT	10/29/2024	6 Ft	40.3781415	-104.5198403	1.00	0
SB-NW 7FT	10/29/2024	7 Ft	40.3781415	-104.5198403	1.00	0
SB-S 0.5FT	10/29/2024	5 Ft	40.3780346	-104.5197677	0.90	0
SB-S 6FT	10/29/2024	6 Ft	40.3780346	-104.5197677	0.90	0
SB-S 7FT	10/29/2024	7 Ft	40.3780346	-104.5197677	0.90	0
SB-W 0.5FT	10/29/2024	5 Ft	40.3780950	-104.5199135	1.00	0
SB-W 6FT	10/29/2024	6 Ft	40.3780950	-104.5199135	1.00	0
SB-W 7FT	10/29/2024	7 Ft	40.3780950	-104.5199135	1.00	0
BKG01@6.0"	6/20/2022	0.5 Ft	40.3784790	-104.5198110	-	0
BKG-1 0.5 FT	10/29/2024	0.5 Ft	40.3781084	-104.5205525	0.90	0
BKG-1 6FT	10/29/2024	6 Ft	40.3781084	-104.5205525	0.90	0
BKG-1 7FT	10/29/2024	7 Ft	40.3781084	-104.5205525	0.90	0
BKG-2 0.5FT	10/29/2024	0.5 Ft	40.3778419	-104.5202671	1.00	0
BKG-2 6FT	10/29/2024	6 Ft	40.3778419	-104.5202671	1.00	0
BKG-2 7FT	10/29/2024	7 Ft	40.3778419	-104.5202671	1.00	0
BKG-3 0.5FT	10/29/2024	0.5 Ft	40.3780818	-104.5193382	0.90	0
BKG-3 6FT	10/29/2024	6 Ft	40.3780818	-104.5193382	0.90	0.0
BKG-3 7FT	10/29/2024	7 Ft	40.3780818	-104.5193382	0.90	0
BKG-4 0.5FT	10/29/2024	0.5 Ft	40.3784790	-104.5193887	0.90	0
BKG-4 6FT	10/29/2024	6 Ft	40.3784790	-104.5193887	0.90	0
BKG-4 7FT	10/29/2024	7 Ft	40.3784790	-104.5193887	0.90	0

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**NOBLE 100322**  
**UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO**  
**REM # 22296**

Sample ID	Sample Date	Depth (ft)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude	Longitude		
BKG-5 0.5FT	10/29/2024	0.5 Ft	40.3787362	-104.5200565	1.00	0.0
BKG-5 6FT	10/29/2024	6 Ft	40.3787362	-104.5200565	1.00	0

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 100322  
UPRC-65N64W 23SESU & UPRC 23-11H4, WELD COUNTY, COLORADO  
REM # 22296

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**		
EAST01@6.0"	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WAST01@6.0'	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
EPWVB01@7.0'	6/20/2022	7.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
EPWVN01@6.0'	6/20/2022	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WPWVB01@7.0'	6/20/2022	7.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WPWVN01@6.0'	6/20/2022	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SEP01@6.0"	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50

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
- (<) = 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

TABLE 3  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
NOBLE 100322  
UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO  
REM # 22296

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
EAST01@6.0"	6/20/2022	0.5 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
WAST01@6.0'	6/20/2022	0.5 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
EPWVB01@7.0'	6/20/2022	7.0 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
EPWVN01@6.0'	6/20/2022	6.0 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
WPWVB01@7.0'	6/20/2022	7.0 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
WPWVN01@6.0'	6/20/2022	6.0 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
SEP01@6.0"	6/20/2022	0.5 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

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
- (<) = 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

**TABLE 4**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**NOBLE 100322**  
**UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO**  
**REM # 22296**

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
EAST01@6.0"	6/20/2022	0.5 Ft	7.51	0.432	0.315	0.0662
WAST01@6.0"	6/20/2022	0.5 Ft	5.36	0.229	0.0691	0.0411
EPWVB01@7.0'	6/20/2022	7.0 Ft	8.89	0.258	0.312	0.0912
EPWVN01@6.0'	6/20/2022	6.0 Ft	8.33	0.152	0.068	0.0503
WPWVB01@7.0'	6/20/2022	7.0 Ft	8.63	0.197	0.157	0.0467
WPWVN01@6.0'	6/20/2022	6.0 Ft	8.46	0.168	0.0684	0.0418
SEP01@6.0"	6/20/2022	0.5 Ft	7.2	0.0498	0.0979	0.0275
EPWVB01@7.0' (2)	01/09/2024	7.0 Ft	8.77	NA	NA	NA
EPWVN01@6.0' (2)	01/09/2024	6.0 Ft	9.05	NA	NA	NA
WAST01@0.5' (2)	01/09/2024	0.5 Ft	8.67	NA	NA	NA
WPWVB01@7.0' (2)	01/09/2024	7.0 Ft	8.63	NA	NA	NA
WPWVN01@6.0' (2)	01/09/2024	6.0 Ft	8.51	NA	NA	NA
SB-E 0.5FT	10/29/2024	0.5 Ft	7.45	2.59	3.2	<2.00
SB-E 6FT	10/29/2024	6 Ft	8.06	0.559	0.792	<2.00
SB-E 7FT	10/29/2024	7 Ft	8.45	0.357	0.679	<2.00
SB-NE 0.5FT	10/29/2024	0.5 Ft	7.75	2.42	3.87	<2.00
SB-NE 6FT	10/29/2024	6 Ft	8.45	0.218	0.229	<2.00
SB-NE 7FT	10/29/2024	7 Ft	8.88	0.222	0.931	<2.00
SB-NW 0.5FT	10/29/2024	0.5 Ft	7.65	3.12	4.02	<2.00
SB-NW 6FT	10/29/2024	6 Ft	8.09	0.0973	0.043	<2.00
SB-NW 7FT	10/29/2024	7 Ft	7.89	0.111	0.0482	<2.00
SB-S 0.5FT	10/29/2024	0.5 Ft	7.66	2.44	3.25	<2.00
SB-S 6FT	10/29/2024	6 Ft	8.51	0.305	0.289	<2.00
SB-S 7FT	10/29/2024	7 Ft	8.49	0.34	0.395	<2.00
SB-W 0.5FT	10/29/2024	0.5 Ft	7.71	2.82	4.23	<2.00
SB-W 6FT	10/29/2024	6 Ft	8.32	0.298	0.107	<2.00
SB-W 7FT	10/29/2024	7 Ft	8.37	0.375	0.774	<2.00
BKG01@6.0"	6/20/2022	0.5 Ft	6.27	0.326	0.11	0.185
BKG-1 0.5 FT	10/29/2024	0.5 Ft	6.92	1.09	0.124	<2.00
BKG-1 6FT	10/29/2024	6 Ft	8.63	0.187	0.319	<2.00

TABLE 4  
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION  
NOBLE 100322  
UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO  
REM # 22296

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
BKG-1 7FT	10/29/2024	7 Ft	<b>8.51</b>	0.402	0.524	<2.00
BKG-2 0.5FT	10/29/2024	0.5 Ft	7.01	0.301	0.185	<2.00
BKG-2 6FT	10/29/2024	6 Ft	<b>8.61</b>	0.14	0.187	<2.00
BKG-2 7FT	10/29/2024	7 Ft	<b>8.57</b>	0.242	0.276	<2.00
BKG-3 0.5FT	10/29/2024	0.5 Ft	<b>5.46</b>	0.244	0.36	<2.00
BKG-3 6FT	10/29/2024	6 Ft	<b>9.33</b>	2.89	<b>34.8</b>	<b>4.99</b>
BKG-3 7FT	10/29/2024	7 Ft	<b>9.36</b>	3.04	<b>28.5</b>	<2.00
BKG-4 0.5FT	10/29/2024	0.5 Ft	6.98	0.692	0.403	<2.00
BKG-4 6FT	10/29/2024	6 Ft	<b>8.81</b>	0.816	<b>6.94</b>	<2.00
BKG-4 7FT	10/29/2024	7 Ft	<b>8.49</b>	1.15	<b>7.44</b>	<2.00
BKG-5 0.5FT	10/29/2024	0.5 Ft	<b>8.44</b>	0.447	0.211	<2.00
BKG-5 6FT	10/29/2024	6 Ft	7.38	0.349	0.554	<2.00
BKG-5 7FT	10/29/2024	7 Ft	<b>8.45</b>	<b>7.87</b>	<b>18.4</b>	<2.00
Maximum Background Concentration			9.36	7.87	34.8	NA

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Brown highlighted soil analytical values indicate a regulatory exceedance.

NA - Not analyzed

TABLE 5  
SUMMARY OF METALS IN SOIL CHEMISTRY DATA  
NOBLE 100322  
UPRC-65N64W 23SESW & UPRC 23-11H4, WELD COUNTY, COLORADO  
REM # 22296

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
SB-E 0.5FT	10/29/2024	5 Ft	1.98	52	<0.200	<0.30	6.06	5.48	3.17	<0.260	0.0223	25.2
SB-E 6FT	10/29/2024	6 Ft	2.2	67.5	0.262	<0.30	7.71	8.53	3.94	<0.260	0.0469	39.4
SB-E 7FT	10/29/2024	7 Ft	1.66	57.4	<0.200	<0.30	4.8	4.97	3.23	<0.260	0.0295	23
SB-NE 0.5FT	10/29/2024	5 Ft	2.09	54.5	<0.200	<0.30	8.09	5.72	3.28	<0.260	0.0211	33.7
SB-NE 6FT	10/29/2024	6 Ft	1.44	43.2	<0.200	<0.30	4.3	7.46	2.79	<0.260	0.0278	32.8
SB-NE 7FT	10/29/2024	7 Ft	4.66	70.1	0.584	<0.30	14.6	16.2	2.95	<0.260	0.093	64.7
SB-NW 0.5FT	10/29/2024	5 Ft	2.19	56.5	<0.200	<0.30	8.3	5.79	3.4	<0.260	0.022	34.1
SB-NW 6FT	10/29/2024	6 Ft	1.21	42.6	<0.200	<0.30	3.29	4.06	2.38	<0.260	<0.0200	18.8
SB-NW 7FT	10/29/2024	7 Ft	1	39	<0.200	<0.30	2.87	3.42	2.14	<0.260	<0.0200	15.1
SB-S 0.5FT	10/29/2024	5 Ft	2.65	62.3	0.227	<0.30	9.29	6.92	3.66	<0.260	0.025	38.7
SB-S 6FT	10/29/2024	6 Ft	3.1	102	0.24	<0.30	5.74	6.05	3.66	<0.260	0.0454	33
SB-S 7FT	10/29/2024	7 Ft	2.3	95.1	0.268	<0.30	7.15	6.71	3.99	<0.260	0.0495	35
SB-W 0.5FT	10/29/2024	5 Ft	4.27	76.7	0.259	<0.30	8.32	6.44	3.45	<0.260	0.0216	34.6
SB-W 6FT	10/29/2024	6 Ft	3.01	93.7	0.257	<0.30	6.84	7.08	3.67	<0.260	0.0465	35.9
SB-W 7FT	10/29/2024	7 Ft	1.16	52.1	<0.200	<0.30	3.45	5.63	3.27	<0.260	0.03	24.7
BKG-1 0.5 FT	10/29/2024	0.5 Ft	1.11	116	<0.200	<0.30	3.34	6.8	2.31	<0.260	<0.0200	15.9
BKG-1 6FT	10/29/2024	6 Ft	0.98	52.3	<0.200	<0.30	2.1	4.55	2.41	<0.260	<0.0200	15.7
BKG-1 7FT	10/29/2024	7 Ft	1.38	74.9	<0.200	<0.30	3.29	5.39	3.82	<0.260	0.0353	14.7
BKG-2 0.5FT	10/29/2024	0.5 Ft	0.959	30.6	<0.200	<0.30	2.77	4.51	2.37	<0.260	<0.0200	12.7
BKG-2 6FT	10/29/2024	6 Ft	1.3	50.4	<0.200	<0.30	3.23	5.16	2.93	<0.260	0.03	17.4
BKG-2 7FT	10/29/2024	7 Ft	2.92	78.4	0.206	<0.30	2.89	5.47	3.08	<0.260	0.028	19.2
BKG-3 0.5FT	10/29/2024	0.5 Ft	0.996	26.4	<0.200	<0.30	2.75	5.41	1.96	<0.260	0.0203	13.4
BKG-3 6FT	10/29/2024	6 Ft	0.747	38.4	<0.200	<0.30	2.73	5.82	3.23	<0.260	0.0281	14.4
BKG-3 7FT	10/29/2024	7 Ft	1.39	60.6	<0.200	<0.30	3.47	5.53	3.67	<0.260	0.0225	15.5
BKG-4 0.5FT	10/29/2024	0.5 Ft	1.11	41.5	0.216	<0.30	4.14	7.95	2.55	<0.260	0.0208	21.5
BKG-4 6FT	10/29/2024	6 Ft	2.18	46	<0.200	<0.30	3.98	7.32	4.01	<0.260	0.0439	18.8
BKG-4 7FT	10/29/2024	7 Ft	3.54	89.4	0.236	<0.30	4.31	7.71	4.14	<0.260	0.0466	18.6
BKG-5 0.5FT	10/29/2024	0.5 Ft	1.41	51.2	<0.200	<0.30	3.58	5.92	2.94	<0.260	0.0248	17.2
BKG-5 6FT	10/29/2024	6 Ft	1.55	54.5	<0.200	<0.30	3.31	5.26	2.82	<0.260	0.0322	17.4
BKG-5 7FT	10/29/2024	7 Ft	7.56	229	0.343	<0.30	7.4	8.61	5.75	<0.260	0.0527	19.5
1.25x Maximum Background Concentration			9.45	286.3	0.429	<0.30	5.39	10.76	7.19	<0.260	0.0659	26.9

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.

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

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

4. Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

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

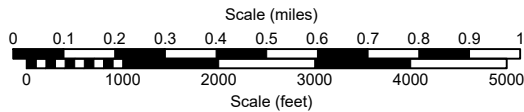
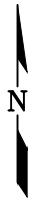
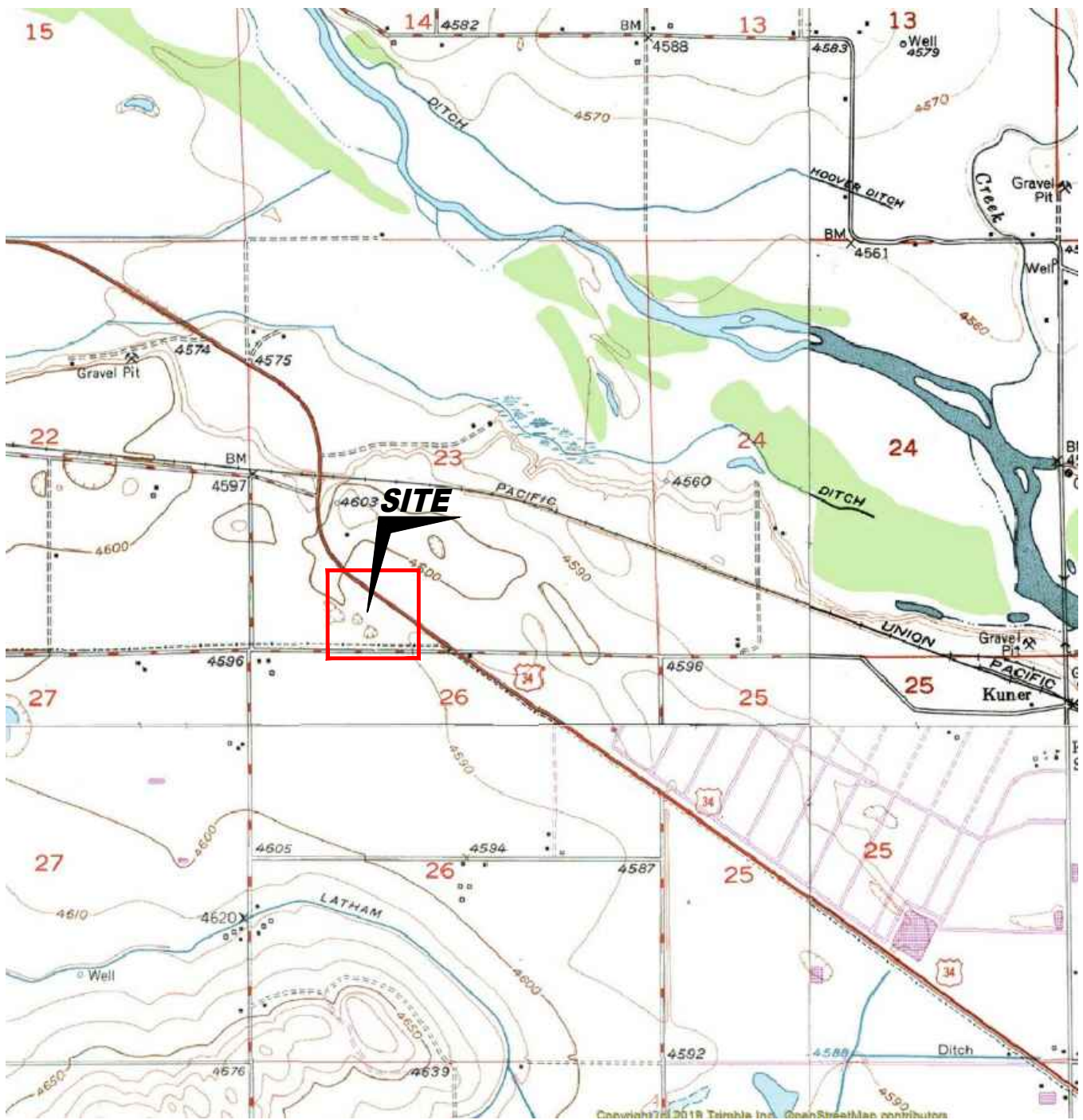
mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

\* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1  
**SITE LOCATION MAP**

**NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW**  
 SESW Sec. 23, T5N, R64W, 6th PM  
 Weld County, Colorado  
 40.378094°, -104.519704°

Project # <b>C022-075</b>	API #	Facility ID
Date <b>12/31/2024</b>	Remediation #	Filename <b>22075T</b>





**LEGEND**

- WELLHEAD LOCATION
- SOIL BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

**Figure 2  
SITE MAP**

**NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW**  
 SESW Sec. 23, T5N, R64W, 6th PM  
 Weld County, Colorado  
 40.378094°, -104.519704°

Project No. <b>C022-075</b>	API #	Facility #
Date <b>12/31/24</b>	Remediation #	Filename <b>22075Q1</b>



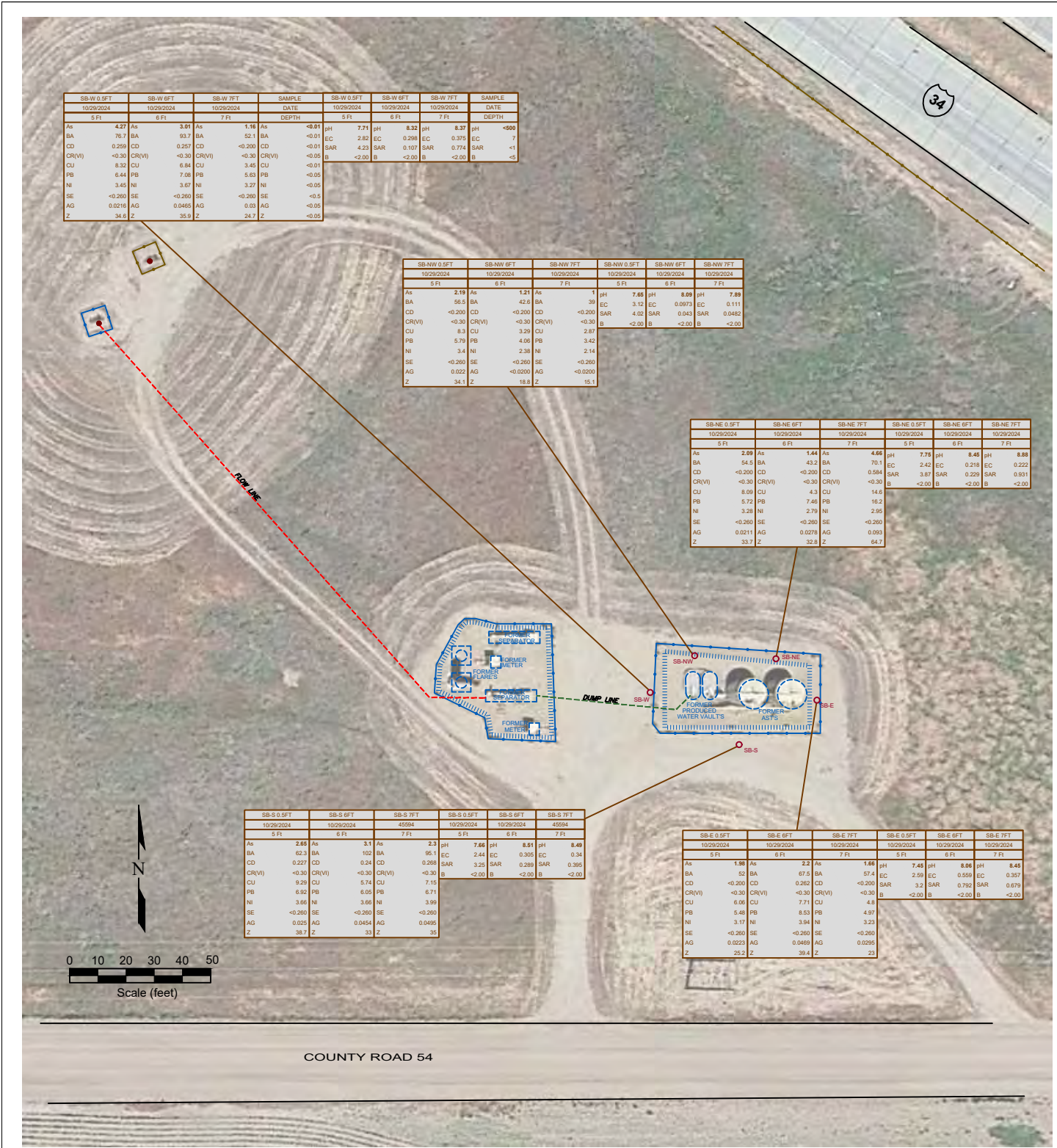


Figure 3  
SOIL CHEMISTRY MAP


NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW  
SESW Sec. 23, T5N, R64W, 6th PM  
Weld County, Colorado  
40.378094°, -104.519704°

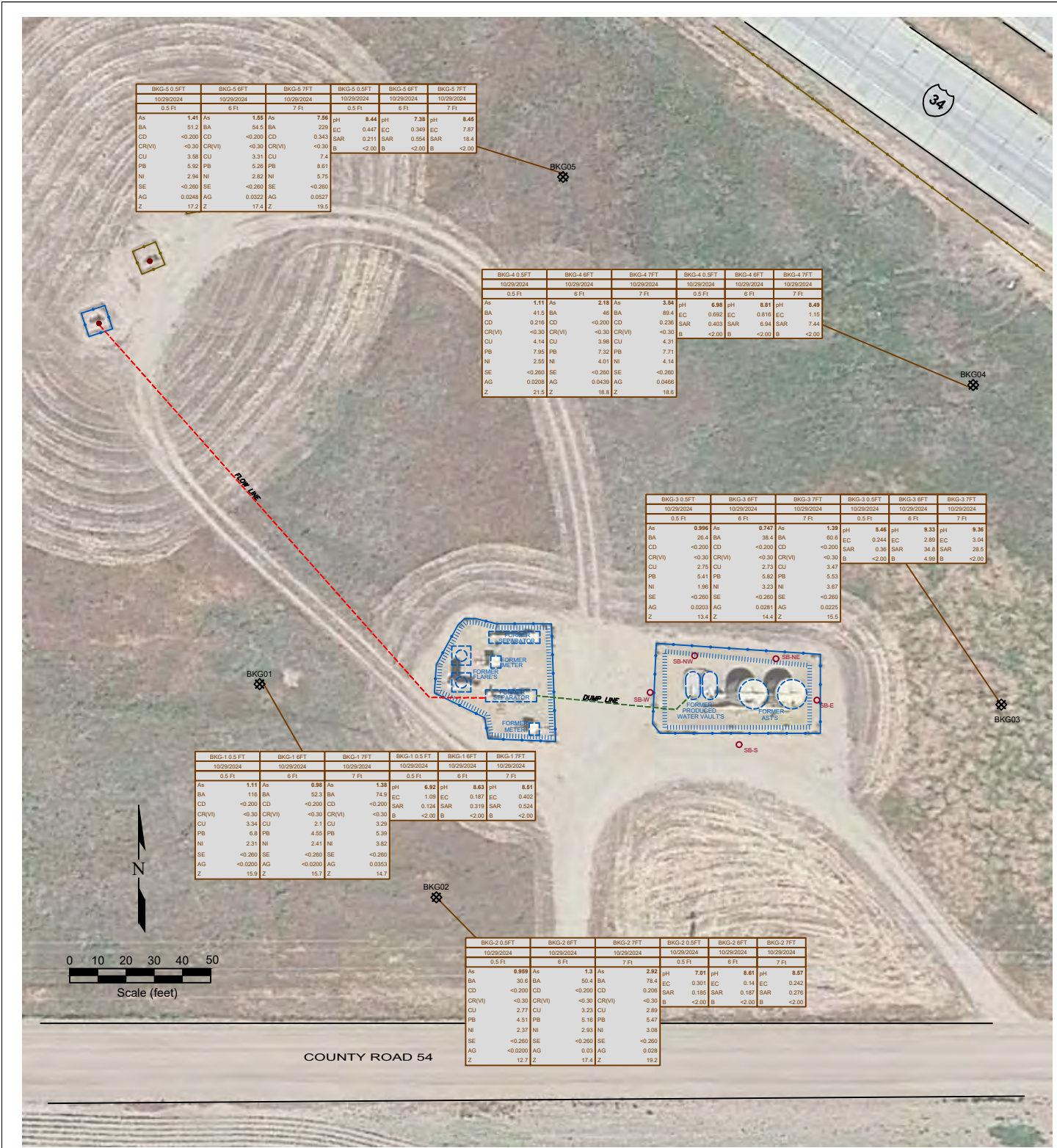
**LEGEND**

- WELLHEAD LOCATION
- SOIL BORING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
DATE	DATE	DATE	DATE	DATE	DATE
DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH
ACE	<0.0000	ACENAPHTHENE (mg/kg)	As	<0.01	ARSENIC (mg/kg)
Ah	<0.0000	ANTHRACENE (mg/kg)	BA	<0.01	BARIUM (mg/kg)
BaA	<0.0000	BENZO (A) ANTHRACENE (mg/kg)	CD	<0.01	CADMIUM (mg/kg)
BaP	<0.0000	BENZO (A) PYRENE (mg/kg)	CR(VI)	<0.01	CHROMIUM (mg/kg)
BaF	<0.0000	BENZO (B) FLUORANTHENE (mg/kg)	CU	<0.01	COPPER (mg/kg)
Chr	<0.0000	CHRYSENE (mg/kg)	PB	<0.05	LEAD (mg/kg)
FluAant	<0.0000	FLUORANTHENE (mg/kg)	NI	<0.05	NICKEL (mg/kg)
Flu	<0.0000	FLUORANTHENE (mg/kg)	SE	<0.05	SELENIUM (mg/kg)
Fl	<0.0000	FLUORENE (mg/kg)	AG	<0.05	SILVER (mg/kg)
1123-OPV	<0.0000	INDENO (1,2,3-CD) PYRENE (mg/kg)	Z	<0.05	ZINC (mg/kg)
Py	<0.0000	PYRENE (mg/kg)			
1MN	<0.0000	1-METHYLNAPHTHALENE (mg/kg)			
2MN	<0.0000	2-METHYLNAPHTHALENE (mg/kg)			

Project No. <b>C022-075</b>	API #	Facility #
Date <b>12/31/24</b>	Remediation #	Filename <b>22075Q1</b>





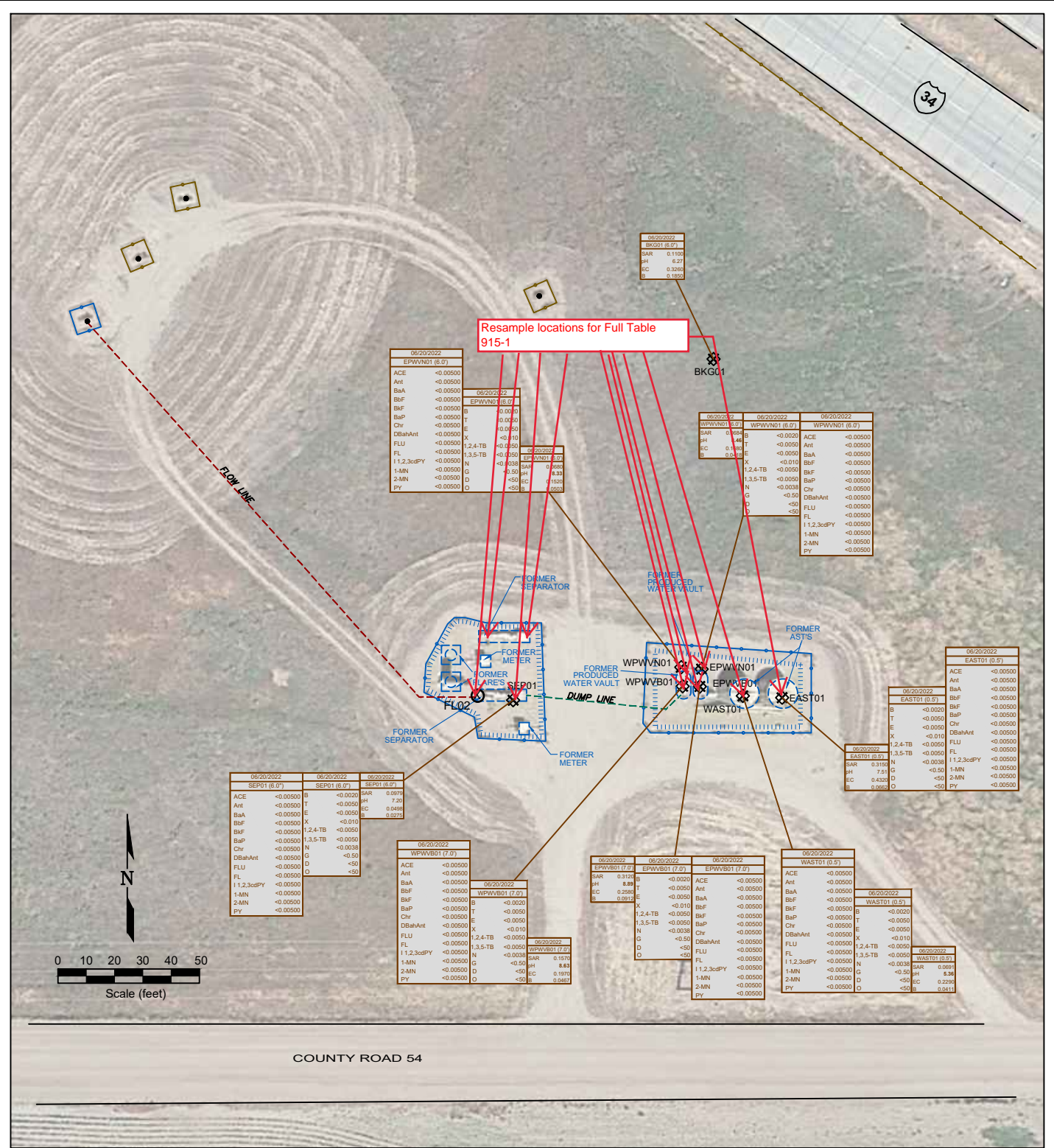
**LEGEND**

- WELLHEAD LOCATION
- SOIL BORING LOCATION
- ⊗ SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

SAMPLE	SAMPLE ID	DATE SAMPLED	DEPTH (ft)	SAMPLE	SAMPLE ID	DATE SAMPLED	DEPTH (ft)
As	<-0.01	ARSENIC (mg/kg)		pH	<-0.01	pH (pH Units)	
Ba	<-0.01	BARIUM (mg/kg)		EC	7.09	EC (microsiemens)	
CD	<-0.01	CADMIUM (mg/kg)		SAR	<-0.01	SAR (unitless)	
CR(VI)	<-0.01	CHROMIUM (mg/kg)		B	<-0.01	BORON (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 4**  
**BACKGROUND SAMPLE SOIL CHEMISTRY MAP**  
**NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW**  
 SESW Sec. 23, T5N, R64W, 6th PM  
 Weld County, Colorado  
 40.378094° , -104.519704°

Project No. <b>C022-075</b>	API #	Facility #
Date <b>12/31/24</b>	Remediation #	Filename <b>22075Q1</b>



**Figure 5  
SOIL CHEMISTRY MAP  
June 20, 2022**

**NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW**  
 SESW Sec. 23, T5N, R64W, 6th PM  
 Weld County, Colorado  
 40.378094°, -104.519704°

Project No.	API #	Facility #
C022-075		

Date	Remediation #	Filename
8/16/22		22075Q

**LEGEND**

- RISER LOCATION
- ⊗ SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

DATE SAMPLED	SAMPLE ID and DEPTH (ft)	CONTAMINANT	CONCENTRATION
06/20/2022	EAST01 (0.5)	ACE	<0.0050
06/20/2022	EAST01 (0.5)	Ant	<0.0050
06/20/2022	EAST01 (0.5)	BaA	<0.0050
06/20/2022	EAST01 (0.5)	BbF	<0.0050
06/20/2022	EAST01 (0.5)	BaP	<0.0050
06/20/2022	EAST01 (0.5)	Chr	<0.0050
06/20/2022	EAST01 (0.5)	DBahAnt	<0.0050
06/20/2022	EAST01 (0.5)	FLU	<0.0050
06/20/2022	EAST01 (0.5)	FL	<0.0050
06/20/2022	EAST01 (0.5)	1,1,2,3cdPY	<0.0050
06/20/2022	EAST01 (0.5)	1-MN	<0.0050
06/20/2022	EAST01 (0.5)	2-MN	<0.0050
06/20/2022	EAST01 (0.5)	PY	<0.0050

**REMONT ENVIRONMENTAL**