

Anderson MB 33-3J

NENW Sec. 33-T2N-R69W

API #: 013-06156

Facility ID: 461018

Remediation Project #: 33501

Form 19 Data Package

December 2024 & January 2025

Prepared by Tasman, Inc.



On behalf of Extraction Oil & Gas, Inc.



PHOTO LOG



Photographic Log

140°SE (T) ● 40°5'54"N, 105°7'32"W ±16ft ▲ 5126ft			67°NE (T) ● 40°5'54"N, 105°7'33"W ±16ft ▲ 5130ft				
<p style="text-align: center;">FL-B01@3' X</p> <p style="text-align: right;">20 Dec 2024, 16:58:30</p>			<p style="text-align: center;">FL-B02@3' X</p> <p style="text-align: right;">20 Dec 2024, 16:56:57</p>				
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:		Volume:		Material:		Volume:	
Contents:				Contents:			
Notes/Conditions: Soil Sampling Location				Notes/Conditions: Soil Screening Location			



Photographic Log

🌐 280°W (T) 🌐 40°5'54"N, 105°7'33"W ±16ft ▲ 5132ft			🌐 351°N (T) 🌐 40°5'54"N, 105°7'34"W ±16ft ▲ 5132ft		
<p>FL-B03@3' X</p> <p>20 Dec 2024, 16:55:43</p>			<p>FL-B04@3' X</p> <p>20 Dec 2024, 16:54:49</p>		
Equipment ID:			Equipment Type:		
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil Sampling Location			Notes/Conditions: Soil Sampling Location		



Photographic Log

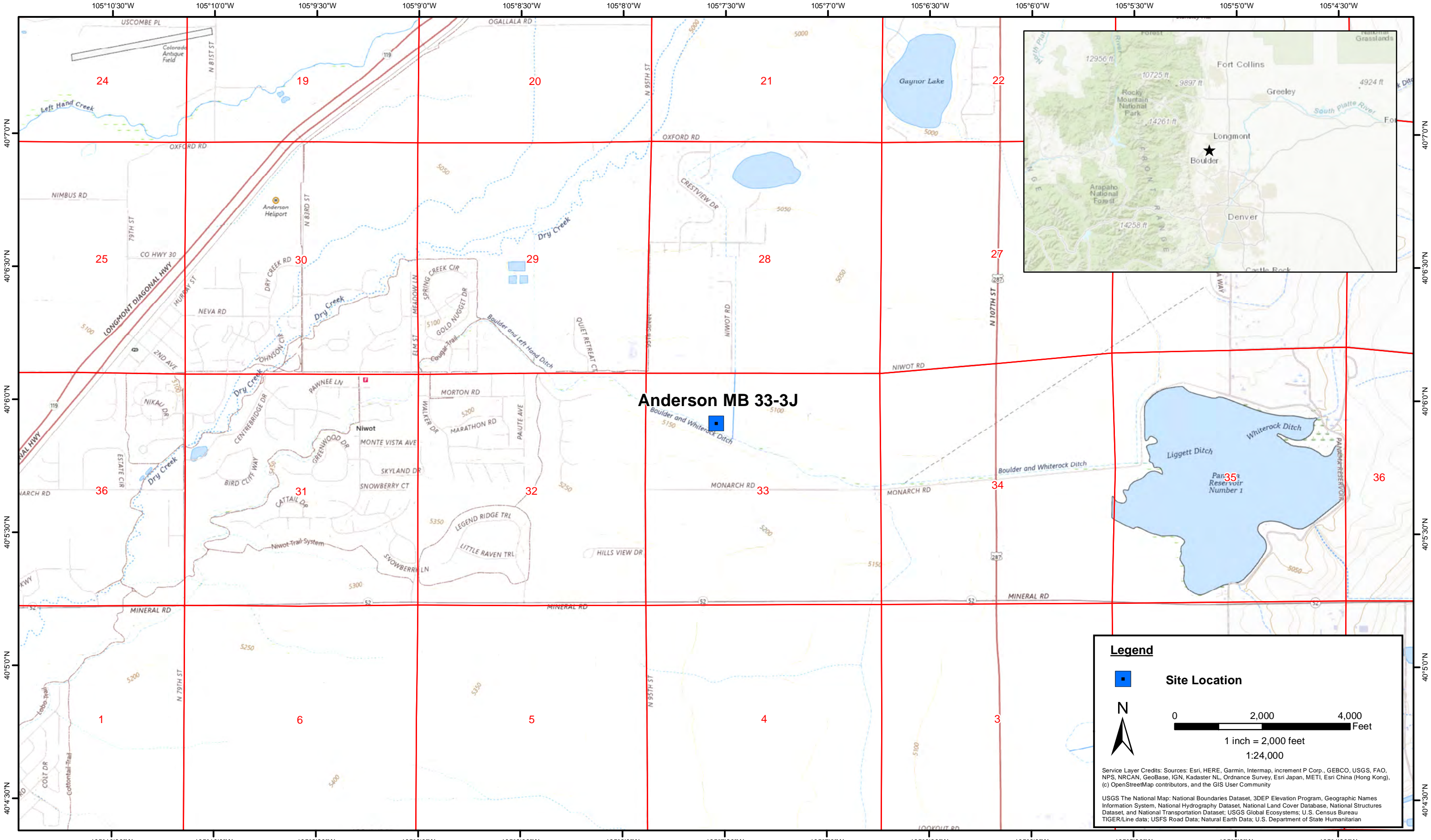
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil Sampling Location			Notes/Conditions:		



Photographic Log

293°NW (T) ● 40°5'54"N, 105°7'32"W ±16ft ▲ 5131ft			103°E (T) ● 40°5'54"N, 105°7'32"W ±16ft ▲ 5133ft		
16 Jan 2025, 09:53:46			16 Jan 2025, 09:54:27		
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil Sampling Locations			Notes/Conditions: Soil Sampling Locations		

FIGURES



DATE: February 2025
 DESIGNED BY: S. Vogt
 DRAWN BY: J. Woffinden








Extraction Oil & Gas Inc
Anderson MB 33-3J
 NENW Sec. 33-T2N-R69W
 Boulder County, Colorado

Site Location Map

Figure
1



Legend

-  Soil sample location – Field Screened (Collected via Trimble GPS)
-  Soil sample location – Below ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
-  Soil sample location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
-  Stockpile location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
-  Flowline Location

Notes

8 North, LLC site infrastructure has been removed.

All locations are approximate unless otherwise noted.

GPS = Global Positioning System

ECMC = Colorado Energy & Carbon Management Commission

0 ft. 25 ft. 50 ft.

Image Source: Google Earth

DATE:	February 24, 2025
DESIGNED BY:	S. Vogt
DRAWN BY:	L. Molson

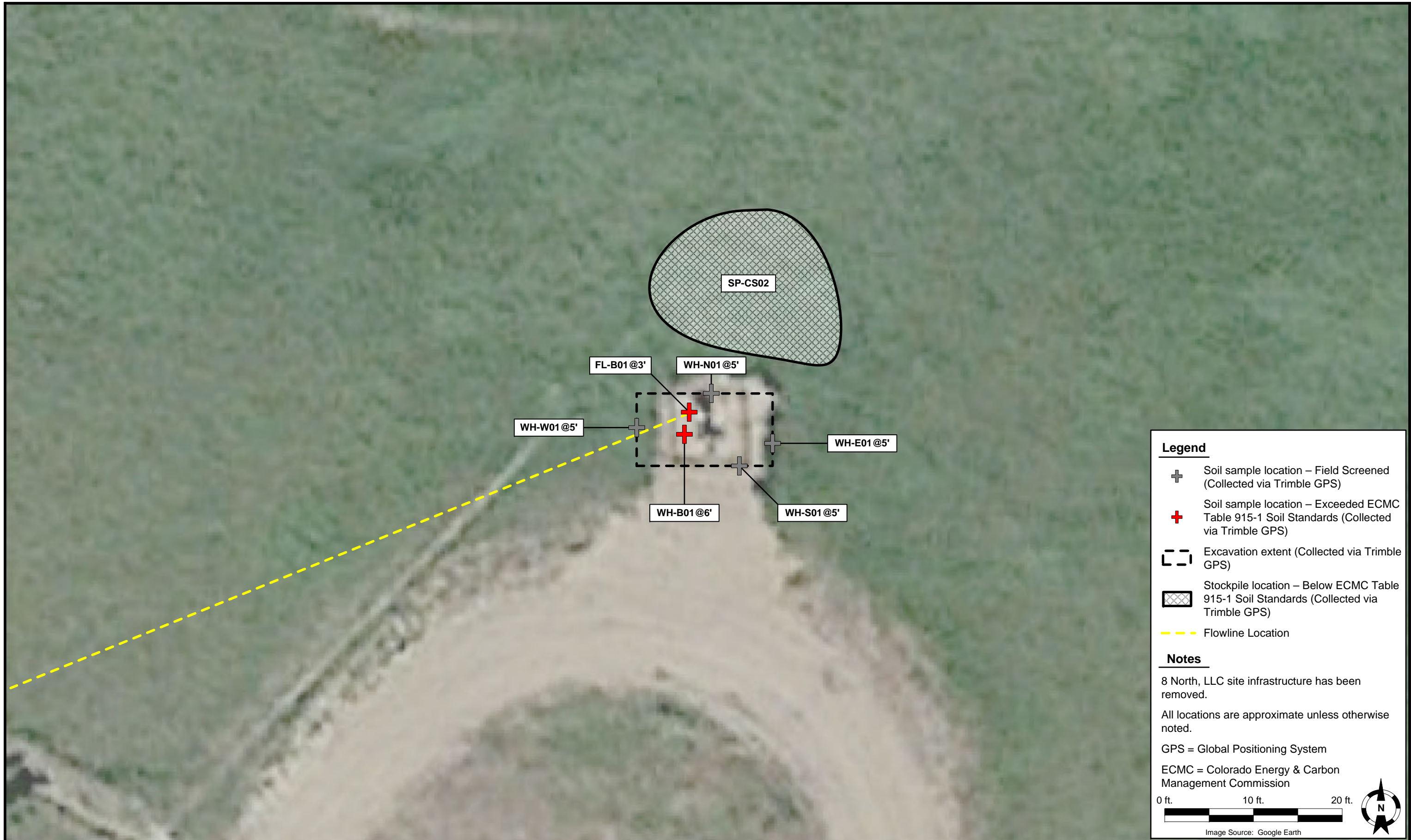


Tasman, Inc.
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 Broomfield, CO 80020

Extraction Oil & Gas, Inc.
 Anderson MB 33-3J
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 Boulder County, Colorado

Flowline Soil Sample
 Location Map
 (12/20/2024)

Figure
 2



Legend

- Soil sample location – Field Screened (Collected via Trimble GPS)
- Soil sample location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Excavation extent (Collected via Trimble GPS)
- Stockpile location – Below ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Flowline Location

Notes

8 North, LLC site infrastructure has been removed.

All locations are approximate unless otherwise noted.

GPS = Global Positioning System

ECMC = Colorado Energy & Carbon Management Commission

0 ft. 10 ft. 20 ft.

Image Source: Google Earth

DATE: February 24, 2025

DESIGNED BY: S. Vogt

DRAWN BY: L. Molson



Tasman, Inc.
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 Boulder County, Colorado

Wellhead Soil Sample
 Location Map
 (01/16/2025)

Figure
 3



DATE:	February 24, 2025
DESIGNED BY:	S. Vogt
DRAWN BY:	L. Molson



Tasman, Inc.
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Extraction Oil & Gas, Inc.
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Boulder County, Colorado

Background Soil Sample
Location Map
(05/03/2024 – 12/13/2024)

Figure
4

TABLES

**TABLE 1
ANDERSON MB 33-3J
SOIL SAMPLE LOCATIONS
EXTRACTION OIL & GAS, INC.**



Soil Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
FL-B01@3'	3'	12/20/2024	1.2	40.098545	-105.125747	0.9	Y
FL-B02@3'	3'	12/20/2024	0.2	40.098451	-105.126261	1.6	N
FL-B03@3'	3'	12/20/2024	1.2	40.098478	-105.126073	1	Y
FL-B04@3'	3'	12/20/2024	1.3	40.098454	-105.126173	1	Y
FL-B05@3'	3'	12/20/2024	1.0	40.098445	-105.126203	1	Y
SP-CS01	-	12/20/2024	0.5	40.098511	-105.125928	-	Y
WH-B01@6'	6'	01/16/2025	0.3	40.098540	-105.125750	-	Y
WH-N01@5'	5'	01/16/2025	0.5	40.098553	-105.125739	1.2	N
WH-S01@5'	5'	01/16/2025	1.0	40.098530	-105.125727	1.2	N
WH-E01@5'	5'	01/16/2025	0.8	40.098537	-105.125714	1.1	N
WH-W01@5'	5'	01/16/2025	1.0	40.098540	-105.125769	1.1	N
SP-CS02	-	01/16/2025	0.7	40.098601	-105.125727	-	Y
BACKGROUND							
BG01@3'*	3'	05/03/2024	0.8	40.096809	-105.124388	0.9	Y
BG01@6'*	6'	05/03/2024	0.4	40.096809	-105.124388	0.9	Y
BG02@3'*	3'	05/03/2024	0.9	40.096678	-105.124299	0.9	Y
BG02@6'*	6'	05/03/2024	1.1	40.096678	-105.124299	0.9	Y
BG03@3'*	3'	05/03/2024	0.3	40.096598	-105.124456	0.9	Y
BG03@6'*	6'	05/03/2024	0.3	40.096598	-105.124456	0.9	Y
BG04@3'*	3'	05/03/2024	2.1	40.096632	-105.124559	0.9	Y
BG04@6'*	6'	05/03/2024	1.7	40.096632	-105.124559	0.9	Y
BG05@4'*	4'	07/16/2024	1.5	40.096384	-105.124632	0.9	Y
BG05@9'*	9'	07/16/2024	1.1	40.096384	-105.124632	0.9	Y
BG06@4'*	4'	07/16/2024	0.7	40.096339	-105.124807	0.9	Y
BG06@9'*	9'	07/16/2024	1.3	40.096339	-105.124807	0.9	Y
BG07@6'*	6'	12/13/2024	0.0	40.096814	-105.123743	2	Y
BG07@9'*	9'	12/13/2024	0.0	40.096814	-105.123743	2	Y
BG08@6'*	6'	12/13/2024	0.0	40.096736	-105.123780	1.3	Y
BG08@9'*	9'	12/13/2024	0.0	40.096736	-105.123780	1.3	Y
BG09@6'*	6'	12/13/2024	0.1	40.096648	-105.123779	1.3	Y
BG09@9'*	9'	12/13/2024	0.0	40.096648	-105.123779	1.3	Y
BG10@6'*	6'	12/13/2024	0.0	40.096549	-105.123852	1.1	Y
BG10@9'*	9'	12/13/2024	0.0	40.096549	-105.123852	1.1	Y
BG11@6'*	6'	12/13/2024	0.0	40.096459	-105.123975	1.1	Y
BG11@9'*	9'	12/13/2024	0.0	40.096459	-105.123975	1.1	Y

TABLE 1
ANDERSON MB 33-3J
SOIL SAMPLE LOCATIONS
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
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Notes:

PID = Photoionization Detector

ppm = parts per million

GPS = Global Positioning System

PDOP = Position Dilution of Precision

- = Not Applicable

*Sample collected as part of Anderson MB 33-6 site assessment (REM #: 33497)

TABLE 2
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - VOCs
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC Organic Compounds in Soils - GSSL ⁽¹⁾			0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
ECMC Organic Compounds in Soils - RSL ⁽²⁾			1.2	490	5.8	58	2	500			30	27
FL-B01@3'	3'	12/20/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	160	69	<0.0050	<0.0050
FL-B03@3'	3'	12/20/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B04@3'	3'	12/20/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B05@3'	3'	12/20/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS01	-	12/20/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	240	190	<0.0050	<0.0050
WH-B01@6'	6'	01/16/2025	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS02	-	01/16/2025	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	59	<50	<0.0050	<0.0050

Notes:

VOCs = Volatile Organic Compounds

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

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

mg/kg = milligrams per kilogram

TVPH - GRO = Total Volatile Petroleum Hydrocarbons - Gasoline Range Organics

TEPH - DRO = Total Extractable Petroleum Hydrocarbons - Diesel Range Organics

TEPH - ORO = Total Extractable Petroleum Hydrocarbons - Oil Range Organics

1,2,4 - TMB = 1,2,4 - Trimethylbenzene

1,3,5 - TMB = 1,3,5 - Trimethylbenzene

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

- = Not applicable or constituent not analyzed

TABLE 3
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - PAHs
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Pyrene (mg/kg)
ECMC Organic Compounds in Soils - GSSL ⁽¹⁾			0.55	5.8	0.011	0.3	2.9	0.24	9	0.96	8.9	0.54	0.98	0.006	0.019	1.3
ECMC Organic Compounds in Soils - RSL ⁽²⁾			360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180
FL-B01@3'	3'	12/20/2024	<0.500	1.81	6.39	4.45	1.50	3.40	5.35	<0.500	15.7	<0.500	2.04	<0.00500	<0.00500	16.7
FL-B03@3'	3'	12/20/2024	<0.00500	0.0367	0.202	0.267	0.0862	0.114	0.190	0.0193	0.436	<0.00500	0.160	<0.00500	<0.00500	0.551
FL-B04@3'	3'	12/20/2024	<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-B05@3'	3'	12/20/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SP-CS01	-	12/20/2024	<0.00500	<0.00500	0.0111	0.00916	<0.00500	0.00631	0.0112	<0.00500	0.0277	<0.00500	<0.00500	0.00549	<0.00500	0.0389
WH-B01@6'	6'	01/16/2025	<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
SP-CS02	-	01/16/2025	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00561	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:

PAHs = Polycyclic Aromatic Hydrocarbons

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

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

mg/kg = milligrams per kilogram

Benzo(a)A = Benzo(a)Anthracene

Benzo(b)F = Benzo(b)Fluoranthene

Benzo(k)F = Benzo(k)Fluoranthene

Benzo(a)P = Benzo(a)Pyrene

D (a,h) A = Dibenz(a,h)Anthracene

1,2,3-CD = Indeno(1,2,3-cd)Pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

- = Not applicable or constituent not analyzed

TABLE 4
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - METALS
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	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 Metals in Soils - GSSL ⁽¹⁾			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC Metals in Soils - RSL ⁽²⁾			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
FL-B01@3'	3'	12/20/2024	4.07*	320*	0.403*	<0.30	11.4	26.8	12.8	<0.260	0.175	38.9
FL-B03@3'	3'	12/20/2024	4.21*	147*	0.277	<0.30	8.94	14.7*	9.84	<0.260	0.0664	31.6
FL-B04@3'	3'	12/20/2024	2.01*	62.8	0.515	<0.30	6.96	8.12	5.88	<0.260	0.0344	22.4
FL-B05@3'	3'	12/20/2024	3.33*	109*	0.369	<0.30	8.54	14.9*	8.45	<0.260	0.0723	33.9
SP-CS01	-	12/20/2024	3.93*	771	0.350	<0.30	9.07	15.7*	9.32	<0.260	0.0664	37.7
WH-B01@6'	6'	01/16/2025	6.14*	387*	0.217	<0.30	7.87	26.5	8.55	<0.260	0.0457	31.0
SP-CS02	-	01/16/2025	6.15*	320*	0.286	<0.30	10.2	21.0*	9.16	<0.260	0.0765	34.0
BACKGROUND												
BG01@3'***	3'	05/03/2024	4.52	130	<0.200	<0.300	9.91	9.69	11.0	0.900	<0.0865	37.2
BG01@6'***	6'	05/03/2024	5.43	155	<0.200	<0.300	12.1	12.0	12.8	1.04	<0.0865	40.1
BG02@3'***	3'	05/03/2024	12.6***	126	<0.200	<0.300	7.94	9.24	9.56	0.765	<0.0865	36.5
BG02@6'***	6'	05/03/2024	5.05	129	<0.200	<0.300	11.9	11.8	12.8	1.17	<0.0865	40.4
BG03@3' ^{EXC} **	3'	05/03/2024	4.92	251	<0.200	<0.300	15.7	11.8	12.3	0.952	<0.0865	50.7
BG03@6' ^{EXC} **	6'	05/03/2024	4.34	149	<0.200	<0.300	8.88	8.81	9.39	0.806	<0.0865	46.6
BG04@3' ^{EXC} **	3'	05/03/2024	5.45	95.1	<0.200	<0.300	10.3	8.48	10.1	0.884	<0.0865	40.4
BG04@6' ^{EXC} **	6'	05/03/2024	5.38	109	<0.200	<0.300	7.85	7.77	9.65	0.573	<0.0865	33.1
BG05@4'***	4'	07/16/2024	7.5	165	0.18	<0.300	15.4	12.3	15.2	0.44	<0.20	49.2
BG05@9'***	9'	07/16/2024	6.5	174	0.19	<0.300	21.5	14.1	15.4	0.43	<0.19	62.7
BG06@4'***	4'	07/16/2024	8.4	125	0.13	<0.300	18.8	12.9	13.2	0.32	<0.19	58.1
BG06@9'***	9'	07/16/2024	6.3	248	0.20	<0.300	17.4	12.1	15.0	0.40	<0.19	55.8
BG07@6'***	6'	12/13/2024	3.74	101	<0.200	<0.30	5.76	7.81	5.79	<0.260	0.0345	20.9
BG07@9'***	9'	12/13/2024	7.73	74.1	<0.200	<0.30	5.73	10.6	6.93	<0.260	0.0200	24.6
BG08@6'***	6'	12/13/2024	7.48	62.0	<0.200	<0.30	5.86	9.29	6.42	<0.260	0.0331	24.6

TABLE 4
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - METALS
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	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 Metals in Soils - GSSL ⁽¹⁾			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC Metals in Soils - RSL ⁽²⁾			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
BG08@9'***	9'	12/13/2024	5.25	341	0.204	<0.30	6.40	10.2	6.79	<0.260	0.0367	26.1
BG09@6'***	6'	12/13/2024	4.44	116	0.227	<0.30	4.76	7.07	6.16	<0.260	0.0391	20.2
BG09@9'***	9'	12/13/2024	11.1***	29.1	0.350	<0.30	13.1	24.1***	6.01	0.317	0.105	35.6
BG10@6'***	6'	12/13/2024	4.78	64.3	<0.200	<0.30	4.41	6.91	5.26	<0.260	0.0269	21.5
BG10@9'***	9'	12/13/2024	5.65	151	0.255	<0.30	5.74	9.23	6.32	<0.260	0.0408	23.9
BG11@6'***	6'	12/13/2024	4.58	79.7	<0.200	<0.30	5.76	9.10	8.03	<0.260	0.0506	23.5
BG11@9'***	9'	12/13/2024	6.96	73.5	0.397	<0.30	12.7	17.8	6.65	<0.260	0.0774	35.0
Highest Background @ 0 - 9' x1.25 (Loam)			10.5	426	0.496	-	26.9	22.3	19.3	1.46	0.131	78.4

Notes:

(1) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

(<) = Analytical result is less than the indicated laboratory minimum detection limit

mg/kg = milligrams per kilogram

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations

Highest background concentration x1.25

Italics = Laboratory minimum detection limit exceeds the ECMC Table 915-1 Standard

* Result exceeded the ECMC Table 915-1 standard, but was within site-specific 1.25x background multiplier levels

**Sample collected as part of Anderson MB 33-6 site assessment (REM #: 33497)

***Result is considered anomalously high and not considered for site-specific background concentration

^{EXC} = Background location not considered for site-specific background comparison due to proximity to Anderson MB 33-6 wellhead excavation

- = Not applicable or constituent not analyzed

TABLE 5
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - SOIL RECLAMATION
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation⁽¹⁾			6 - 8.3	< 6	< 4	2
FL-B01@3'	3'	12/20/2024	8.32*	6.45*	1.09	<2.00
FL-B03@3'	3'	12/20/2024	8.45*	0.451	0.198	<2.00
FL-B04@3'	3'	12/20/2024	8.89*	0.0802	0.0996	<2.00
FL-B05@3'	3'	12/20/2024	8.73*	0.104	0.124	<2.00
SP-CS01	-	12/20/2024	8.23	0.833	0.417	<2.00
WH-B01@6'	6'	01/16/2025	8.18	1.48	0.659	<2.00
SP-CS02	-	01/16/2025	8.16	3.61	0.821	<2.00
BACKGROUND						
BG01@3'***	3'	05/03/2024	8.75	0.759	0.209	<2.00
BG01@6'***	6'	05/03/2024	8.29	0.275	0.172	<2.00
BG02@3'***	3'	05/03/2024	9.19	2.99	0.242	<2.00
BG02@6'***	6'	05/03/2024	8.35	0.815	0.196	<2.00
BG03@3', ^{EXC} **	3'	05/03/2024	9.41	9.45	0.526	<2.00
BG03@6', ^{EXC} **	6'	05/03/2024	8.62	1.87	0.238	<2.00
BG04@3', ^{EXC} **	3'	05/03/2024	9.35	4.46	0.303	<2.00
BG04@6', ^{EXC} **	6'	05/03/2024	9.03	0.761	0.207	<2.00
BG05@4'***	4'	07/16/2024	7.86	0.15	0.301	0.33
BG05@9'***	9'	07/16/2024	8.79	4.8	0.835	1.9
BG06@4'***	4'	07/16/2024	8.65	0.77	0.537	0.54
BG06@9'***	9'	07/16/2024	8.32	3.5	0.662	0.58
BG07@6'***	6'	12/13/2024	8.36	0.106	0.140	<2.00
BG07@9'***	9'	12/13/2024	9.77	0.418	0.497	<2.00
BG08@6'***	6'	12/13/2024	9.55	0.221	0.405	<2.00
BG08@9'***	9'	12/13/2024	9.04	7.79	0.855	<2.00
BG09@6'***	6'	12/13/2024	9.25	0.703	0.207	<2.00
BG09@9'***	9'	12/13/2024	8.92	6.65	0.940	<2.00
BG10@6'***	6'	12/13/2024	9.32	1.45	0.219	<2.00
BG10@9'***	9'	12/13/2024	9.48	0.314	0.451	<2.00
BG11@6'***	6'	12/13/2024	8.82	0.856	0.230	<2.00
BG11@9'***	9'	12/13/2024	9.61	8.89	0.584	<2.00

TABLE 5
ANDERSON MB 33-3J
SOIL ANALYTICAL DATA - SOIL RECLAMATION
EXTRACTION OIL & GAS, INC.



Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation ⁽¹⁾			6 - 8.3	< 6	< 4	2
Highest Background @ 0 - 9' (Loam)			9.77	8.89	0.940	1.9

Notes:

(1) Standards for soil are taken from ECMC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

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

Loam = similar to equal parts of sand, silt, and clay.

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

pH = Potential of Hydrogen

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Soil Suitability for Reclamation Concentrations

Highest background concentration

* Result exceeded the ECMC Table 915-1 standard, but was within site-specific background concentrations

**Sample collected as part of Anderson MB 33-6 site assessment (REM #: 33497)

^{EXC} = Background location not considered for site-specific background comparison due to proximity to Anderson MB 33-6 wellhead excavation

- = Not applicable or constituent not analyzed