

**Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - VOCs
Attachment C - Sampling Summary**

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (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 standards for soil (mg/kg) ⁽¹⁾		0.0026	0.69	0.78	9.9	500			0.0081	0.0087
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			30	27
MC24-3_04-1@2'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-1@5'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_06-1@2'	7/31/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_08-1@2'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_08-1@5'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_13-1@2'	7/31/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_13-1@5'	7/31/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_16-1@2'	7/31/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_17-1@2'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_17-1@5'	7/31/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-2@2'	8/27/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-2@5'	8/27/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_08-2@2'	8/27/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_17-2@2'	8/27/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-3@2'	9/30/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_08-2@2'V	9/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_17-2@2'V	9/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_04-3@2'V	11/20/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

VOCs = Volatile organic compounds

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

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

**Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - VOCs
Attachment C - Sampling Summary**

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (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 standards for soil (mg/kg) ⁽¹⁾		0.0026	0.69	0.78	9.9	500			0.0081	0.0087
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			30	27

ECMC = Colorado Energy and Carbon Management Commission

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

ND = Non-detect

NA = Not analyzed

Concentration in red font exceeds the Table 915-1 soil standard

Gray highlight = Soil sample location has been over-excavated

Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - PAHs
Attachment C - Sampling Summary

Soil Sample Location	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)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg) ⁽¹⁾		0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	0.0038	1.3
ECMC standards for soil (mg/kg) ⁽²⁾		360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	2	180
MCC24-3#6WH@2'	11/25/2024	ND	0.033	ND	0.054	ND	ND	ND	ND	ND	ND	ND	0.007	0.006	ND	0.108
MCC24-3#6SHED@2'	11/25/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MCC24-3_SS01@3'	1/14/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MCC24-3_SS01@4'	1/14/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_SD01@6"	1/29/2025	ND	ND	ND	ND	ND	ND	0.0053	ND	ND	0.000784	ND	0.0018	ND	ND	0.00219
MC24-3_SD02@6"	1/29/2025	ND	ND	ND	ND	ND	ND	0.00202	ND	ND	0.00279	ND	0.00969	0.0129	0.00214	0.00175
MC24-3_SD03@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_SD04@6"	1/29/2025	ND	ND	ND	0.000659	ND	ND	ND	ND	0.000507	0.000614	ND	0.00213	0.00282	ND	Nd
MC24-3_SD05@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_SD06@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	0.00081	0.000397	ND	0.00158	0.00209	ND	0.000908
MC24-3_SD07@6"	1/29/2025	ND	ND	ND	0.000795	ND	ND	ND	ND	0.000706	0.000326	ND	0.00113	ND	ND	0.000917
MC24-3_SD08@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	0.000623	ND	ND	ND	ND	ND	0.000649
MC24-3_SD09@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	0.000664	ND	ND	ND	ND	ND	0.000755
MC24-3_SD010@6"	1/29/2025	ND	ND	ND	ND	ND	ND	0.00942	ND	ND	0.0133	ND	0.0736	0.0798	0.0113	0.00469
MC24-3_SD011@6"	1/29/2025	ND	ND	ND	ND	ND	ND	0.00222	ND	0.000442	0.00363	0.00176	0.0129	0.0167	0.0033	0.00173
MC24-3_SD012@6"	1/29/2025	ND	ND	ND	0.000895	ND	ND	0.000715	ND	0.000486	0.00098	0.00126	0.00346	0.00472	ND	0.000837
MC24-3_SD013@6"	1/29/2025	ND	ND	ND	0.000978	ND	0.000585	ND	0.000763	0.000693	0.000499	0.00124	0.00247	0.00307	ND	0.000842
MC24-3_SD014@6"	1/29/2025	0.00176	ND	ND	0.00114	ND	0.000598	0.0025	ND	0.00113	0.00696	0.00107	0.0359	0.0488	0.0103	0.00225
MC24-3_SD015@6"	1/29/2025	ND	ND	ND	0.000599	ND	ND	ND	ND	ND	ND	0.00098	ND	ND	ND	ND
MC24-3_SD016@6"	1/29/2025	ND	ND	ND	0.000707	ND	ND	ND	0.000832	0.000468	0.000614	ND	0.00221	0.00278	ND	ND
MC24-3_SD017@6"	1/29/2025	ND	ND	ND	0.00109	ND	0.000507	ND	0.00129	0.000636	0.000309	0.00174	ND	ND	ND	0.000645
MC24-3_SD018@6"	1/29/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_SD019@6"	1/29/2025	ND	ND	ND	0.000738	ND	ND	ND	ND	ND	ND	0.00109	0.00111	ND	ND	0.000992
MC24-3_SD020@6"	1/29/2025	ND	ND	ND	0.000915	ND	ND	0.000827	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_SD021@6"	1/29/2025	ND	ND	ND	0.000722	ND	ND	ND	ND	0.000508	ND	ND	ND	ND	ND	ND

**Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - PAHs
Attachment C - Sampling Summary**

Soil Sample Location	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)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg) ⁽¹⁾		0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	0.0038	1.3
ECMC standards for soil (mg/kg) ⁽²⁾		360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	2	180
MC24-3_17-2@2'V	9/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MC24-3_04-3@2'V	11/20/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

PAHs = Polycyclic aromatic hydrocarbons

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

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

ECMC = Colorado Energy and Carbon Management Commission

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

ND = Non-detect

NA = Not analyzed

Gray highlight = Soil sample location has been over-excavated

Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - Metals
Attachment C - Sampling Summary

Soil Sample Location	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 standards for soil (mg/kg) ⁽¹⁾		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits (x 1.25)		6.81	335	-	-	-	15.63	-	0.326	-	-
MCC24-3#6WH@2'	11/25/2024	5.11	187	0.155	ND	11.4	12.3	11.4	ND	ND	42.3
MCC24-3#6SHED@2'	11/25/2024	3.86	225	0.142	ND	ND	7.8	8.6	ND	ND	ND
MCC24-3_SS01@3'	1/14/2025	5.83	235	0.191	NA	13.5	11.0	13.7	ND	ND	52.1
MCC24-3_SS01@4'	1/14/2025	5.34	236	0.158	NA	12.0	11.1	12.6	ND	ND	48.0
MC24-3_SD01@6"	1/29/2025	4.63	123	0.167	ND	ND	19.3	8.63	ND	ND	36.3
MC24-3_SD02@6"	1/29/2025	2.85	95.4	0.123	ND	ND	10.2	6.42	ND	ND	ND
MC24-3_SD03@6"	1/29/2025	2.87	84.4	0.138	ND	ND	10.3	6.55	0.256	ND	ND
MC24-3_SD04@6"	1/29/2025	3.40	139.0	0.210	ND	ND	8.96	8.54	0.235	ND	35.9
MC24-3_SD05@6"	1/29/2025	19.2	490	0.449	ND	ND	23.40	13.60	0.494	ND	39.0
MC24-3_SD06@6"	1/29/2025	2.82	98.1	0.269	ND	ND	13.70	8.24	0.288	ND	41.0
MC24-3_SD07@6"	1/29/2025	2.62	92.3	0.303	ND	ND	11.00	6.70	ND	ND	45.2
MC24-3_SD08@6"	1/29/2025	2.54	92.7	0.310	ND	ND	10.70	6.77	0.340	ND	45.5
MC24-3_SD09@6"	1/29/2025	3.25	117.0	0.394	ND	ND	13.70	8.42	0.278	ND	52.3
MC24-3_SD010@6"	1/29/2025	3.60	134.0	0.121	ND	ND	9.40	8.16	ND	ND	ND
MC24-3_SD011@6"	1/29/2025	3.88	116.0	0.165	ND	ND	20.40	8.53	ND	ND	34.9
MC24-3_SD012@6"	1/29/2025	3.01	106.0	0.406	ND	ND	16.90	8.24	0.348	ND	48.5
MC24-3_SD013@6"	1/29/2025	3.22	98.3	0.300	ND	ND	14.10	8.27	0.297	ND	41.0
MC24-3_SD014@6"	1/29/2025	2.64	88.5	0.226	ND	ND	23.90	7.56	ND	ND	33.5
MC24-3_SD015@6"	1/29/2025	2.63	77.4	0.208	ND	ND	10.60	6.53	ND	ND	ND
MC24-3_SD016@6"	1/29/2025	2.80	80.8	0.144	ND	ND	7.70	5.49	ND	ND	ND
MC24-3_SD017@6"	1/29/2025	2.89	116.0	0.333	ND	ND	14.00	8.05	0.311	ND	52.2
MC24-3_SD018@6"	1/29/2025	3.51	82.7	ND	ND	ND	5.33	6.14	ND	ND	ND
MC24-3_SD019@6"	1/29/2025	3.32	120.0	0.150	ND	ND	9.96	6.92	ND	ND	33.2
MC24-3_SD020@6"	1/29/2025	2.51	86.0	0.154	ND	ND	19.60	5.32	ND	ND	ND

Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - Metals
Attachment C - Sampling Summary

Soil Sample Location	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 standards for soil (mg/kg) ⁽¹⁾		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits (x 1.25)		6.81	335	-	-	-	15.63	-	0.326	-	-
MC24-3_SD021@6"	1/29/2025	3.94	125.0	0.343	ND	10.3	15.60	9.31	0.334	ND	40.3
MC24-3_SD022@6"	1/29/2025	3.48	108.0	0.269	ND	ND	14.90	8.52	0.322	ND	40.3
MC24-3_SD023@6"	1/29/2025	2.81	73.8	0.196	ND	ND	11.10	6.36	0.251	ND	ND
MC24-3_SD024@6"	1/29/2025	3.62	71.0	0.116	ND	ND	8.04	6.49	ND	ND	ND
MC24-3_SD025@6"	1/29/2025	3.40	75.4	0.178	ND	ND	8.34	6.31	0.262	ND	ND
MC24-3_SD26@6"	1/29/2025	2.85	87.5	0.268	ND	ND	9.82	6.32	ND	ND	ND
MCC24_3#6_SS01@5'	1/31/2025	5.17	238	0.152	ND	ND	9.62	12.0	ND	ND	42.3
MCC24_3#6_SS02@3.5'	1/31/2025	4.29	197	0.100	ND	ND	7.45	8.9	0.256	ND	ND
MCC24_3#6_SS03@3'	1/31/2025	4.67	253	0.154	ND	ND	9.22	11.7	ND	ND	42.2
MC24_3#6_SS01@6'	3/24/2025	4.90	192.13	0.13	ND	8.87	7.90	8.17	3.19	ND	35.26
MC24_3#6_SS02@8'	3/24/2025	5.58	241.21	0.13	ND	9.61	9.22	9.06	4.01	ND	36.94
MC24-3_01@17'	4/9/2025	5.41	209.44	0.13	ND	13.60	8.75	9.47	3.94	ND	39.43
MC24-3_02@17'	4/9/2025	5.71	205.08	0.11	ND	13.20	8.01	9.22	2.97	ND	46.42
MC24-3_03@17'	4/9/2025	5.49	205.09	0.13	ND	13.54	8.43	9.17	3.70	ND	45.44
MC24-3_04@17'	4/9/2025	4.52	112.43	0.12	ND	12.13	7.57	8.06	3.29	ND	40.76
MC24-3_05@23'	4/9/2025	1.82	73.85	0.02	ND	10.85	3.03	4.23	2.08	ND	19.29
MC24-3_06@10'	5/22/2025	6.00	209.16	0.17	ND	11.81	9.56	10.35	3.81	ND	45.18
MC24-3_07@10'	5/22/2025	5.61	192.75	0.15	ND	10.93	8.41	8.91	3.74	ND	50.98
MC24-3_08@17'	5/22/2025	7.36	97.3	0.02	ND	10.82	4.07	4.90	4.22	ND	24.88
MC24-3_09@11'	5/22/2025	5.16	82.90	0.11	ND	10.63	7.79	11.99	2.33	ND	45.12
MC24-3_10@10'	5/22/2025	5.46	195.16	0.12	ND	9.35	8.30	8.23	3.96	ND	41.63
MC24-3_11@10'	5/22/2025	5.62	198.31	0.12	ND	9.27	8.37	8.20	4.27	ND	34.99
MC24-3_12@22'	5/22/2025	3.36	80.02	0.06	ND	6.99	4.38	4.63	2.12	ND	27.09
MC24-3_13@9'	5/30/2025	5.83	236.92	0.15	ND	11.17	11.21	10.31	2.51	ND	40.30

**Citation Oil Gas Corp.
McCormick (24-3) # 6
Soil Sample Results Summary Table - Metals
Attachment C - Sampling Summary**

Soil Sample Location	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 standards for soil (mg/kg) ⁽¹⁾		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits (x 1.25)		6.81	335	-	-	-	15.63	-	0.326	-	-
MC24-3_08-2@2'	8/27/2025	4.89	186.37	0.16	ND	9.61	10.03	10.45	2.35	ND	40.49
MC24-3_17-2@2'	8/27/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-3@2'	9/30/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_04-3@5'	9/30/2025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MC24-3_08-2@2'V	9/30/2025	5.23	275.06	0.18	ND	10.52	10.67	14.53	2.66	ND	43.14
MC24-3_17-2@2'V	9/30/2025	4.91	179.66	0.14	ND	9.01	8.28	8.88	2.14	ND	38.79
MC24-3_04-3@2'V	11/20/2025	5.64	375.29	0.18	ND	11.13	11.25	12.32	2.51	ND	48.57
Background Soil Samples											
MCC24-3#6BG@2'	11/26/2024	5.45	196	0.194	ND	15.9	12.5	18.3	ND	ND	66.9
MC24-3#6_BG01@2'	1/29/2025	2.65	57.2	ND	ND	ND	4.3	5.29	ND	ND	ND
MC24-3#6_BG02@2'	1/29/2025	3.74	125	ND	ND	ND	6.53	7.94	ND	ND	ND
MCC24_3#6BG@6'	1/31/2025	4.92	219	0.157	ND	ND	10.1	11.8	ND	ND	46.1
MCC24_3#6BG@9'	1/31/2025	5.42	268	0.144	ND	ND	10.4	12.1	0.261	ND	47.6
MCC24_3#6BG@12'	1/31/2025	4.94	77.5	ND	ND	ND	7.26	12.7	ND	ND	38.9
MCC24_3#6BG@15'	1/31/2025	3.27	76.2	ND	ND	ND	4.48	5.24	ND	ND	ND

Notes:

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

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

ft. bgs = Feet below ground surface

ECMC = Colorado Energy and Carbon Management Commission

mg/kg = Milligrams per kilogram

- = Site specific background limit is not present or does not exceed relevant ECMC Table 915-1 standard

BOLD = Analytical result is in exceedance of ECMC Table 915-1 soil standard, but was within the site-specific background concentration

Concentration in red font exceeds the Table 915-1 soil standard

NA = Not analyzed

ND = Non-detect

Gray highlight = Soil sample location has been over-excavated

Citation Oil Gas Corp.

McCormick (24-3) # 6

Soil Sample Results Summary Table - Soil Suitability for Reclamation

Attachment C - Sampling Summary

Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC standards for soil ⁽¹⁾		6 - 8.3	<6	<4	2
Site-Specific Background Limits		8.6	20.6	5.38	-
MCC24-3#6WH@2'	11/25/2024	8.01	29.4	1.490	0.427
MCC24-3#6SHED@2'	11/25/2024	8.34	1.45	0.472	0.105
MCC24-3_SS01@3'	1/14/2025	8.62	28.2	1.04	0.386
MCC24-3_SS01@4'	1/14/2025	8.48	28.5	1.10	0.43
MC24-3_SD01@6"	1/29/2025	8.43	4.190	0.496	0.669
MC24-3_SD02@6"	1/29/2025	8.10	0.835	0.370	0.529
MC24-3_SD03@6"	1/29/2025	8.12	0.0497	0.249	0.243
MC24-3_SD04@6"	1/29/2025	8.02	0.0476	0.307	0.302
MC24-3_SD05@6"	1/29/2025	7.93	0.1170	2.830	ND
MC24-3_SD06@6"	1/29/2025	8.00	0.0243	0.375	0.354
MC24-3_SD07@6"	1/29/2025	6.70	0.0691	0.280	ND
MC24-3_SD08@6"	1/29/2025	6.75	0.1050	0.221	ND
MC24-3_SD09@6"	1/29/2025	7.16	0.0458	0.246	ND
MC24-3_SD010@6"	1/29/2025	8.35	16.4	2.160	0.599
MC24-3_SD011@6"	1/29/2025	8.28	1.1800	0.607	0.495
MC24-3_SD012@6"	1/29/2025	8.11	0.0275	0.343	0.454
MC24-3_SD013@6"	1/29/2025	8.10	0.0473	0.264	0.419
MC24-3_SD014@6"	1/29/2025	8.20	0.0294	0.282	0.342
MC24-3_SD015@6"	1/29/2025	8.12	0.0210	0.290	0.267
MC24-3_SD016@6"	1/29/2025	6.39	0.0516	0.124	ND
MC24-3_SD017@6"	1/29/2025	7.22	0.0586	0.176	ND
MC24-3_SD018@6"	1/29/2025	8.30	0.6750	0.143	0.171
MC24-3_SD019@6"	1/29/2025	8.16	4.9600	2.760	1.12
MC24-3_SD020@6"	1/29/2025	7.97	0.0571	0.274	0.416
MC24-3_SD021@6"	1/29/2025	8.06	0.0367	0.347	0.399
MC24-3_SD022@6"	1/29/2025	8.21	0.0156	0.329	0.389
MC24-3_SD023@6"	1/29/2025	8.20	0.0160	0.279	0.208
MC24-3_SD024@6"	1/29/2025	8.19	0.0221	0.192	0.298

Citation Oil Gas Corp.

McCormick (24-3) # 6

Soil Sample Results Summary Table - Soil Suitability for Reclamation

Attachment C - Sampling Summary

Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC standards for soil ⁽¹⁾		6 - 8.3	<6	<4	2
Site-Specific Background Limits		8.6	20.6	5.38	-
MC24-3_SD025@6"	1/29/2025	7.19	0.0808	0.187	0.153
MC24-3_SD26@6"	1/29/2025	6.52	0.0911	0.173	ND
MCC24_3#6_SS01@5'	1/31/2025	8.11	8.72	5.45	0.952
MCC24_3#6_SS02@3.5'	1/31/2025	8.01	5.19	4.40	0.57
MCC24_3#6_SS03@3'	1/31/2025	8.31	10.7	2.8	0.711
MC24_3#6_SS01@6'	3/24/2025	7.88	5.70	4.22	0.48
MC24_3#6_SS02@8'	3/24/2025	7.79	0.87	3.13	0.25
MC24-3_01@17'	4/9/2025	7.47	11.62	16.29	0.87
MC24-3_02@17'	4/9/2025	8.24	6.37	1.28	0.48
MC24-3_03@17'	4/9/2025	7.71	5.79	5.89	0.52
MC24-3_04@17'	4/9/2025	8.44	6.67	1.00	0.27
MC24-3_05@23'	4/9/2025	8.17	10.22	2.42	0.62
MC24-3_06@10'	5/22/2025	8.19	11.17	6.92	0.97
MC24-3_07@10'	5/22/2025	8.13	12.11	5.05	0.17
MC24-3_08@17'	5/22/2025	8.86	11.09	2.31	0.49
MC24-3_09@11'	5/22/2025	8.45	14.67	3.54	0.63
MC24-3_10@10'	5/22/2025	8.04	0.76	1.68	0.19
MC24-3_11@10'	5/22/2025	8.14	8.10	2.21	0.52
MC24-3_12@22'	5/22/2025	8.35	10.76	2.95	0.57
MC24-3_13@9'	5/30/2025	7.65	0.11	2.47	0.17
MC24-3_14@10'	6/2/2025	7.89	39.58	5.15	1.10
MC24-3_15@17'	6/2/2025	7.87	9.02	3.68	0.93
MC24-3_16@10'	6/2/2025	8.41	22.14	4.08	1.02
MC24-3_17@17'	6/2/2025	7.93	8.83	2.54	0.30
MC24-3_01@19'	6/11/2025	8.03	3.58	2.10	0.25
MC24-3_03@19'	6/11/2025	8.45	12.53	3.23	0.27
MC24-3_06@13'	6/11/2025	8.26	19.94	5.79	1.31
MC24-3_08@19'	6/11/2025	8.42	11.08	2.45	0.08

Citation Oil Gas Corp.

McCormick (24-3) # 6

Soil Sample Results Summary Table - Soil Suitability for Reclamation

Attachment C - Sampling Summary

Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC standards for soil ⁽¹⁾		6 - 8.3	<6	<4	2
Site-Specific Background Limits		8.6	20.6	5.38	-
MC24-3_09@13'	6/11/2025	8.03	10.72	4.21	0.80
MC24-3_11@13'	6/11/2025	8.13	10.01	3.31	0.57
MC24-3_12@19'	6/11/2025	8.16	11.45	3.45	0.38
MC24-3_18@19'	6/11/2025	8.23	11.41	2.92	0.85
MC24-3_04@2'	7/16/2025	7.81	4.78	4.74	0.39
MC24-3_04@5'	7/16/2025	8.25	27	9.54	ND
MC24-3_06@2'	7/16/2025	7.98	9.24	5.41	ND
MC24-3_06@5'	7/16/2025	8.21	18.34	5.07	0.76
MC24-3_07@2'	7/16/2025	7.79	3.69	4.47	0.19
MC24-3_07@5'	7/16/2025	8.00	4.68	3.44	0.49
MC24-3_07@10'	7/16/2025	8.03	8.21	5.02	ND
MC24-3_08@2'	7/16/2025	7.95	5.02	4.55	0.95
MC24-3_08@5'	7/16/2025	8.06	11.1	6.41	ND
MC24-3_09@2'	7/16/2025	8.16	0.51	0.45	0.15
MC24-3_09@5'	7/16/2025	7.80	0.53	2.61	0.22
MC24-3_09@10'	7/16/2025	7.70	7.29	2.81	ND
MC24-3_10@2'	7/16/2025	7.92	0.42	1.75	0.94
MC24-3_10@5'	7/16/2025	7.72	0.42	2.32	0.76
MC24-3_11@2'	7/16/2025	7.91	6.89	5.06	0.58
MC24-3_11@5'	7/16/2025	8.12	14.24	5.28	0.82
MC24-3_13@2'	7/16/2025	7.82	7.8	2.61	0.10
MC24-3_13@5'	7/16/2025	7.94	22.65	2.08	ND
MC24-3_14@2'	7/16/2025	8.16	1.17	0.55	ND
MC24-3_14@5'	7/16/2025	8.52	4.54	0.63	ND
MC24-3_16@2'	7/16/2025	8.17	23.18	9.93	ND
MC24-3_16@5'	7/16/2025	8.46	34.77	9.38	ND
MC24-3_17@2'	7/16/2025	7.87	7.75	5.66	ND
MC24-3_17@5'	7/16/2025	8.26	23.27	6.36	ND

Citation Oil Gas Corp.

McCormick (24-3) # 6

Soil Sample Results Summary Table - Soil Suitability for Reclamation

Attachment C - Sampling Summary

Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC standards for soil ⁽¹⁾		6 - 8.3	<6	<4	2
Site-Specific Background Limits		8.6	20.6	5.38	-
MC24-3_04-1@2'	7/31/2025	8.21	18.60	10.94	NA
MC24-3_04-1@5'	7/31/2025	8.22	24.36	12.60	NA
MC24-3_06-1@2'	7/31/2025	8.08	4.27	2.43	0.49
MC24-3_08-1@2'	7/31/2025	8.43	20.79	6.75	NA
MC24-3_08-1@5'	7/31/2025	8.08	15.98	10.05	NA
MC24-3_13-1@2'	7/31/2025	8.48	1.79	0.36	0.16
MC24-3_13-1@5'	7/31/2025	7.81	1.24	3.40	0.41
MC24-3_16-1@2'	7/31/2025	8.47	20.28	3.88	1.19
MC24-3_17-1@2'	7/31/2025	8.15	17.28	9.76	NA
MC24-3_17-1@5'	7/31/2025	8.37	30.31	16.48	NA
MC24-3_04-2@2'	8/27/2025	8.03	15.15	8.37	NA
MC24-3_04-2@5'	8/27/2025	8.34	27.37	11.66	NA
MC24-3_08-2@2'	8/27/2025	8.29	8.73	2.00	0.37
MC24-3_17-2@2'	8/27/2025	8.54	7.35	0.84	NA
MC24-3_04-3@2'	9/30/2025	8.32	18.77	3.69	NA
MC24-3_08-2@2'V	9/30/2025	8.25	18.96	3.13	0.79
MC24-3_17-2@2'V	9/30/2025	8.49	6.11	0.49	0.18
MC24-3_04-3@2'V	11/20/2025	8.41	11.48	1.68	0.7
Background Soil Samples					
MCC24-3#6BG@2'	11/26/2024	8.34	0.397	0.309	0.448
MC24-3#6_BG01@2'	1/29/2025	8.37	0.0687	0.155	0.145
MC24-3#6_BG02@2'	1/29/2025	8.42	0.15	0.207	0.147
MCC24_3#6BG@6'	1/31/2025	8.28	19.4	5.38	1.51
MCC24_3#6BG@9'	1/31/2025	8.48	20.6	2.59	0.999
MCC24_3#6BG@12'	1/31/2025	8.57	15.1	1.21	0.445
MCC24_3#6BG@15'	1/31/2025	8.6	5.92	0.516	0.134

Notes:

(1) Standards for soil are taken from ECMC Table 915-1, effective January 15, 2021

ECMC = Colorado Energy and Carbon Management Commission

ft. bgs = Feet below ground surface

Citation Oil Gas Corp.

McCormick (24-3) # 6

Soil Sample Results Summary Table - Soil Suitability for Reclamation

Attachment C - Sampling Summary

Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC standards for soil ⁽¹⁾		6 - 8.3	<6	<4	2
Site-Specific Background Limits		8.6	20.6	5.38	-

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

- = Site specific background limit is not present or does not exceed relevant ECMC Table 915-1 standard

NA = Not analyzed

ND = Non-detect

Concentration in red font exceeds the Table 915-1 soil standard

BOLD = Analytical result is in exceedance of ECMC Table 915-1 soil standard, but was within the site-specific background concentration

Gray highlight = Soil sample location has been over-excavated

**Citation Oil Gas Corp.
McCormick (24-3) # 6
Groundwater Sample Results Summary Table
Attachment C - Sampling Summary**

Groundwater Sample ID	Date	Depth to Water (ft. bgs)	Benzene (µg/L)	Toluene (µg/L)	Ehtylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride (mg/L)	Sulfate (mg/L)
ECMC standards for groundwater⁽¹⁾			5	560	700	1,400	140	67	67	2932.5	185.4375	1511.6125
MCC_24-3_GW01	4/23/2025	23	ND	ND	ND	ND	ND	ND	ND	7986	1680.61	3538.41
MCC_24-3_GW02	7/2/2025	20	ND	ND	ND	ND	ND	ND	ND	1142	119.80	563.61
Background Groundwater Samples												
MC_24-3#6_GW_BG	5/13/2025	Surface	ND	ND	ND	ND	ND	ND	ND	2346	148.35	1209.29

Notes:

(1) Standards for groundwater are taken from ECMC Table 915-1, effective January 15, 2021

ECMC = Colorado Energy and Carbon Management Commission

ft. bgs = Feet below ground surface

µg/L = Micrograms per liter

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

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

TDS = Total dissolved solids

mg/L = Milligrams per liter

(<) = Concentration below minimum detection limit and/or laboratory reporting limit

NA = Not analyzed