

TABLE 1
SOIL SAMPLE FIELD DATA SUMMARY TABLE
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
WASTE PROFILE SAMPLES								
SS01@0.5'-WP	1/25/2025	0.5	631.4	Stain	Odor	40.032734	-104.899757	Y
ABOVEGROUND STORAGE TANK SAMPLES								
AST01@0.5'	3/3/2025	0.5	0.5	NS	NO	40.032772	-104.899778	Y
AST01@0.5'-V	3/3/2025	0.5	0.5	NS	NO	40.032772	-104.899778	Y
Base	3/3/2025	0.5	0.1	NS	NO	40.032768	-104.899759	N
Loadout	3/3/2025	0.5	0.4	NS	NO	40.032769	-104.899730	N
VAPOR RECOVERY TOWER SAMPLES								
VRT-SEP01@0.5'	3/3/2025	0.5	1030.0	NS	NO	40.032730	-104.899757	Y
VRT-SEP01@0.5'-V	3/3/2025	0.5	1030.0	NS	NO	40.032730	-104.899757	Y
TANK BATTERY SAMPLES								
B01@10'	4/29/2025	10	1.9	NS	NO	40.032801	-104.899782	Y
B02@10'	4/29/2025	10	1.1	NS	NO	40.032803	-104.899700	Y
B03@10'	4/29/2025	10	2.3	NS	NO	40.032762	-104.899779	Y
B04@10'	4/29/2025	10	1.2	NS	NO	40.032774	-104.899702	Y
B05@10'	4/29/2025	10	11.9	NS	NO	40.032732	-104.899762	Y
N01@5'	4/29/2025	5	1.6	NS	NO	40.032845	-104.899780	Y
N02@5'	4/29/2025	5	4.0	NS	NO	40.032844	-104.899727	Y
N03@5'	4/29/2025	5	0.3	NS	NO	40.032845	-104.899673	Y
E01@5'	4/29/2025	5	3.9	NS	NO	40.032823	-104.899627	Y
E02@5'	4/29/2025	5	1.3	NS	NO	40.032785	-104.899626	Y
W01@5'	4/29/2025	5	126.1	NS	Odor	40.032830	-104.899832	Y
W02@5'	4/29/2025	5	98.1	NS	NO	40.032770	-104.899832	Y
W03@5'	4/29/2025	5	4.7	NS	NO	40.032721	-104.899831	Y
S01@5'	4/29/2025	5	1389.0	NS	Odor	40.032687	-104.899796	Y
S02@5'	4/29/2025	5	1.8	NS	NO	40.032685	-104.899741	Y
S03@5'	6/18/2025	5	23.4	NS	NO	40.032682	-104.899823	Y
S04@5'	6/18/2025	5	1.7	NS	NO	40.032677	-104.899770	Y
S05@5'	6/18/2025	5	5.6	NS	NO	40.032671	-104.899674	Y
W04@5'	6/18/2025	5	1.5	NS	NO	40.032829	-104.899841	Y
E03@5'	6/18/2025	5	9.4	NS	NO	40.032746	-104.899626	Y
E04@5'	6/18/2025	5	3.6	NS	NO	40.032692	-104.899628	Y
B06@10'	6/18/2025	10	26.8	NS	NO	40.032737	-104.899680	Y
OVERBURDEN STOCKPILE SAMPLES								
SS02	4/29/2025	NA	0.9	NS	NO	40.032979	-104.899917	Y
SS03	4/29/2025	NA	2.1	NS	NO	40.032938	-104.899955	Y
SS04	4/29/2025	NA	0.8	NS	NO	40.032970	-104.899987	Y

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HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	Submitted for Lab Analysis? (Y/N)
OVERBURDEN STOCKPILE SAMPLES								
SS05	4/29/2025	NA	1.1	NS	NO	40.033011	-104.899962	Y

Notes:

ft. - feet	NS - No Staining
bgs - below ground surface	NO - No Odor
PID - Photoionization detector	NA - Not Analyzed/Not Applicable
ppm - parts per million	

TABLE 2-1
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample ID	Date	Depth (ft. bgs)	TPH-GRO* (mg/kg)	TPH-DRO* (mg/kg)	TPH-RR0* (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethyl benzene (mg/kg)	1,3,5-Trimethyl benzene (mg/kg)	Naphthalene (mg/kg)
ECMC Table 915-1 Cleanup Concentrations (PGSSLs)			500			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038
WASTE PROFILE SAMPLES												
SS01@0.5'-WP	1/25/2025	0.5	29400	12800	2810	155	733	87.5	1260	364	142	2.82
ABOVEGROUND STORAGE TANK SAMPLES												
AST01@0.5'	3/3/2025	0.5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00131
AST01@0.5'-V	3/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VAPOR RECOVERY TOWER SAMPLES												
VRT-SEP01@0.5'	3/3/2025	0.5	173	429	134	<0.0500	0.518	0.491	6.99	3.66	1.43	0.0235
VRT-SEP01@0.5'-V	3/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES												
B01@10'	4/29/2025	10	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B02@10'	4/29/2025	10	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B03@10'	4/29/2025	10	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B04@10'	4/29/2025	10	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B05@10'	4/29/2025	10	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
N01@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
N02@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
N03@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E01@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E02@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
W01@5'	4/29/2025	5	<0.200	<25.0	<100	0.00456	0.0144	<0.00200	0.0153	0.00318	<0.00200	0.002
W02@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
W03@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
S01@5'	4/29/2025	5	611	807	237	0.0860	5.70	1.18	19.0	5.78	2.36	1.42
S02@5'	4/29/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
S03@5'	6/18/2025	5	0.205	<25.0	<100	<0.00200	<0.00200	<0.00200	0.0311	0.0130	0.00982	<0.002
S04@5'	6/18/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
S05@5'	6/18/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
W04@5'	6/18/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
E03@5'	6/18/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.00312	<0.002
E04@5'	6/18/2025	5	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
B06@10'	6/18/2025	10	<0.200	<25.0	<100	0.0684	0.0550	<0.00200	0.0203	0.00372	0.00560	<0.002
OVERBURDEN STOCKPILE SAMPLES												
SS02	4/29/2025	NA	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SS03	4/29/2025	NA	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SS04	4/29/2025	NA	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002
SS05	4/29/2025	NA	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002

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VOLATILE ORGANIC COMPOUNDS AND TOTAL PETROLEUM HYDROCARBONS
HOWARD 30N,4C,29N-21HZ O FAC BT1
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Notes:

ECMC - Energy and Carbon Management Commission
PGSSLs - Protection of Groundwater Soil Screening Level Concentrations
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
RRO - residual range organics
+Allowable level for TPH is 500 mg/kg for combined GRO, DRO, ORO

ft - feet
bgs - below ground surface
mg/kg - milligrams per kilogram
< - less than laboratory reporting limit
NA - Not Analyzed/Not Applicable
Bold - exceeds ECMC Table 915-1 allowable level

**TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	Acenaphthene (mg/Kg)	Anthracene (mg/Kg)	Benzo (a) anthracene (mg/Kg)	Benzo (b) fluoranthene (mg/Kg)	Benzo (k) fluoranthene (mg/Kg)	Benzo (a) pyrene (mg/Kg)	Chrysene (mg/Kg)	Dibenz (a,h) anthracene (mg/Kg)	Fluoranthene (mg/Kg)	Fluorene (mg/Kg)	Indeno (1,2,3-cd) pyrene (mg/Kg)	1-Methyl naphthalene (mg/Kg)	2-Methyl naphthalene (mg/Kg)	Pyrene (mg/Kg)
ECMC Table 915-1 Cleanup Concentrations (PGSSLs)			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	1.3
WASTE PROFILE SAMPLES																
SS01@0.5'-WP	1/25/2025	0.5	<0.0416	<0.0416	<0.0110	<0.0416	<0.0416	<0.0416	0.207	<0.0416	<0.0416	0.740	<0.0416	3.71	8.33	0.0750
ABOVEGROUND STORAGE TANK SAMPLES																
AST01@0.5'	3/3/2025	0.5	<0.00131	<0.00131	0.00835	0.00875	0.00796	0.00835	0.00796	0.00716	0.00716	<0.00131	0.00676	<0.00131	<0.00131	0.00796
AST01@0.5'-V	3/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VAPOR RECOVERY TOWER SAMPLES																
VRT-SEP01@0.5'	3/3/2025	0.5	0.00612	<0.00340	<0.00340	<0.00340	<0.00340	<0.00340	<0.00340	<0.00340	0.00408	0.0555	<0.00340	0.188	0.361	0.00442
VRT-SEP01@0.5'-V	3/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES																
B01@10'	4/29/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B02@10'	4/29/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B03@10'	4/29/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B04@10'	4/29/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B05@10'	4/29/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
N01@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
N02@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
N03@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
E01@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
E02@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
W01@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	0.002	<0.020
W02@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
W03@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
S01@5'	4/29/2025	5	0.348	0.052	<0.005	<0.020	<0.020	<0.020	0.046	<0.020	<0.020	0.362	<0.020	2.28	5.32	0.031
S02@5'	4/29/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
S03@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.014	0.018	<0.020
S04@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
S05@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
W04@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
E03@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
E04@5'	6/18/2025	5	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
B06@10'	6/18/2025	10	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.003	<0.002	<0.020
OVERBURDEN STOCKPILE SAMPLES																
SS02	4/29/2025	NA	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
SS03	4/29/2025	NA	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
SS04	4/29/2025	NA	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020
SS05	4/29/2025	NA	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002	<0.020

TABLE 2-2
SOIL SAMPLE ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Notes:

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	EC (mmhos/cm)	SAR	pH	Boron (mg/L)
ECMC Table 915-1 Cleanup Concentrations			4	6	6-8.3	2
WASTE PROFILE SAMPLES						
SS01@0.5'-WP	1/25/2025	0.5	0.253	0.210	8.18	0.162
ABOVEGROUND STORAGE TANK SAMPLES						
AST01@0.5'	3/3/2025	0.5	0.433	2.04	8.38	0.372
AST01@0.5'-V	3/3/2025	0.5	NA	NA	8.23	NA
VAPOR RECOVERY TOWER SAMPLES						
VRT-SEP01@0.5'	3/3/2025	0.5	0.332	2.70	8.40	<0.0998
VRT-SEP01@0.5'-V	3/3/2025	0.5	NA	NA	8.56	NA
TANK BATTERY SAMPLES						
B01@10'	4/29/2025	10	NA	NA	NA	2.76
B02@10'	4/29/2025	10	NA	NA	NA	4.02
B03@10'	4/29/2025	10	NA	NA	NA	4.44
B04@10'	4/29/2025	10	NA	NA	NA	4.80
B05@10'	4/29/2025	10	NA	NA	NA	4.04
N01@5'	4/29/2025	5	NA	NA	NA	2.76
N02@5'	4/29/2025	5	NA	NA	NA	5.74
N03@5'	4/29/2025	5	NA	NA	NA	7.86
E01@5'	4/29/2025	5	NA	NA	NA	4.84
E02@5'	4/29/2025	5	NA	NA	NA	5.14
W01@5'	4/29/2025	5	NA	NA	NA	3.28
W02@5'	4/29/2025	5	NA	NA	NA	2.91
W03@5'	4/29/2025	5	NA	NA	NA	0.764
S01@5'	4/29/2025	5	NA	NA	NA	0.336
S02@5'	4/29/2025	5	NA	NA	NA	1.95
S03@5'	6/18/2025	5	NA	NA	NA	0.439
S04@5'	6/18/2025	5	NA	NA	NA	1.20
S05@5'	6/18/2025	5	NA	NA	NA	1.59
W04@5'	6/18/2025	5	NA	NA	NA	0.665
E03@5'	6/18/2025	5	NA	NA	NA	1.29
E04@5'	6/18/2025	5	NA	NA	NA	0.310
B06@10'	6/18/2025	10	NA	NA	NA	4.72
OVERBURDEN STOCKPILE SAMPLES						
SS02	4/29/2025	NA	NA	NA	NA	1.07
SS03	4/29/2025	NA	NA	NA	NA	0.887
SS04	4/29/2025	NA	NA	NA	NA	0.940
SS05	4/29/2025	NA	NA	NA	NA	1.52

**TABLE 2-3
SOIL SAMPLE ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Notes:

ECMC - Energy and Carbon Management Commission

EC - electrical conductivity

SAR - sodium adsorption ratio

< - less than laboratory reporting limit

-V - verification sample collected in separate bottles

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level and background

*Exceeds Table 915-1 allowable level but within background

If site-specific backgrounds are less than cleanup concentrations, then cleanup concentration values will be applied.

ft - feet

bgs - below ground surface

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

**TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP**

Soil Sample ID	Date	Depth (ft. bgs)	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 Cleanup Concentrations (PGSSLs)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
WASTE PROFILE SAMPLES												
SS01@0.5'-WP	1/25/2025	0.5	3.17	46.0	<0.0908	<0.20	<9.08	5.24	6.03	<0.236	<0.0908	<33.6
ABOVEGROUND STORAGE TANK SAMPLES												
AST01@0.5'	3/3/2025	0.5	5.68	178	0.230	<0.391	15.7	13.6	17.0	<0.219	<0.0841	63.5
AST01@0.5'-V	3/3/2025	0.5	NA	154	NA	NA	NA	NA	NA	NA	NA	NA
			NA	201	NA	NA	NA	NA	NA	NA	NA	NA
			NA	188	NA	NA	NA	NA	NA	NA	NA	NA
VAPOR RECOVERY TOWER SAMPLES												
VRT-SEP01@0.5'	3/3/2025	0.5	1.58	42.4	<0.0908	<0.386	<9.08	3.62	4.71	<0.236	<0.0908	<33.6
VRT-SEP01@0.5'-V	3/3/2025	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TANK BATTERY SAMPLES												
B01@10'	4/29/2025	10	5.03	438	NA	NA	NA	12.2	<22.7	NA	NA	NA
B02@10'	4/29/2025	10	5.45	122	NA	NA	NA	12.7	<22.8	NA	NA	NA
B03@10'	4/29/2025	10	5.55	152	NA	NA	NA	12.2	<22.4	NA	NA	NA
B04@10'	4/29/2025	10	4.64	<78.5	NA	NA	NA	<13.4	<24.9	NA	NA	NA
B05@10'	4/29/2025	10	6.23	484	NA	NA	NA	<13.2	<24.5	NA	NA	NA
N01@5'	4/29/2025	5	5.87	214	NA	NA	NA	<13.4	<24.9	NA	NA	NA
N02@5'	4/29/2025	5	6.78	74.2	NA	NA	NA	<12.5	<23.1	NA	NA	NA
N03@5'	4/29/2025	5	5.65	85.3	NA	NA	NA	<12.5	<23.2	NA	NA	NA
E01@5'	4/29/2025	5	5.66	215	NA	NA	NA	<12.6	<23.3	NA	NA	NA
E02@5'	4/29/2025	5	5.87	411	NA	NA	NA	<12.0	<22.3	NA	NA	NA
W01@5'	4/29/2025	5	6.30	129	NA	NA	NA	11.9	<21.8	NA	NA	NA
W02@5'	4/29/2025	5	5.41	297	NA	NA	NA	11.9	<21.8	NA	NA	NA
W03@5'	4/29/2025	5	5.34	470	NA	NA	NA	<12.8	<23.8	NA	NA	NA
S01@5'	4/29/2025	5	6.75	308	NA	NA	NA	<12.4	<23.0	NA	NA	NA
S02@5'	4/29/2025	5	6.52	171	NA	NA	NA	<12.4	<23.1	NA	NA	NA
S03@5'	6/18/2025	5	7.27	168	NA	NA	NA	14.4	<22.8	NA	NA	NA
S04@5'	6/18/2025	5	6.03	767	NA	NA	NA	<12.1	<22.5	NA	NA	NA
S05@5'	6/18/2025	5	10.2	117	NA	NA	NA	13.8	<22.5	NA	NA	NA
W04@5'	6/18/2025	5	7.05	141	NA	NA	NA	<12.6	<23.5	NA	NA	NA
E03@5'	6/18/2025	5	5.76	289	NA	NA	NA	<13.4	<24.8	NA	NA	NA
E04@5'	6/18/2025	5	6.08	222	NA	NA	NA	<12.4	<23.0	NA	NA	NA
B06@10'	6/18/2025	10	5.64	244	NA	NA	NA	<13.9	<25.8	NA	NA	NA
OVERBURDEN STOCKPILE SAMPLES												
SS02	4/29/2025	NA	4.39	140	NA	NA	NA	<13.2	<24.5	NA	NA	NA

TABLE 2-4
SOIL SAMPLE ANALYTICAL RESULTS
METALS
HOWARD 30N,4C,29N-21HZ O FAC BT1
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE, LP

Soil Sample ID	Date	Depth (ft. bgs)	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 Cleanup Concentrations (PGSSLs)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
OVERBURDEN STOCKPILE SAMPLES												
SS03	4/29/2025	NA	5.61	172	NA	NA	NA	<12.9	<23.9	NA	NA	NA
SS04	4/29/2025	NA	6.36	198	NA	NA	NA	<12.8	<23.7	NA	NA	NA
SS05	4/29/2025	NA	6.29	155	NA	NA	NA	<13.0	<24.2	NA	NA	NA

Notes:

ECMC - Energy and Carbon Management Commission

PGSSLs - Protection of Groundwater Soil Screening Level Concentrations

ft - feet

bgs - below ground surface

mg/kg - milligrams per kilogram

< - less than laboratory reporting limit

-V - verification sample collected in separate bottles

NA - Not Analyzed/Not Applicable

Bold - exceeds ECMC Table 915-1 allowable level and background

*Exceeds Table 915-1 allowable level but within background

If site-specific backgrounds are less than cleanup concentrations, then cleanup concentration values will be applied.