DCP/P66 – Four Parmlee (H-6-9)
FORM 27 INITIAL WORKPLAN
2024 SOIL INVESTIGATION SUMMARY REPORT

ATTACHMENTS

Tables

Figures

Appendices

Table 1
DCP/P66 - Four Parmlee (H-6-9)
Volatile Organic Compound Soil Sample Results
Weld County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	Comments
ECMC Residential Soil Screening Level Standards (mg/kg) [3]	-	-	-	**1.2**	**490**	**5.8**	**58**	**30**	**27**	**2**	**500**	
ECMC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based [1 & 2] (mg/kg)	-	-	-	**0.0026 (M)**	**0.69 (M)**	**0.78 (M)**	**9.9 (M)**	**0.0081 (R)**	**0.0087 (R)**	**0.0038 (R)**	**500**	
Four Parmlee (H-6-9)												
Source@7'	5/13/2024	2405191	2475	<0.20	<0.50	<0.50	**290**	**190**	**98**	**14**	**11200**	
Base01@55'	5/15/2024	2405235F	13.8	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
Swall01@20'	5/15/2024	2405235F	2.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
BG01@7'	5/15/2024	2405241	2.7	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	Background Sample
BG02@7'	5/15/2024	2405241	1.3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	Background Sample
BG03@7'	5/15/2024	2405241	0.6	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	Background Sample
ETP01@20'	5/16/2024	2405272	6.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
ETP02@42'	5/16/2024	2405258	145.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
ETP05@49'	5/29/2024	2405452	15.3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
STP05@35'	6/6/2024	2406081	241.6	**0.036**	0.022	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
NEOB-01 @20'	6/13/2024	2406185	15.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	Overburden Sample
H-15 @48'	6/25/2024	2406241	70.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
G-16 @ 36'	6/25/2024	2406241	24.4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
E-14@52'	6/27/2024	2406449	12.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
E-14@30'	6/27/2024	2406449	112.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
F-13@36'	6/27/2024	2406449	101.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
F-13@55'	6/27/2024	2406449	3.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
G-13@50'	7/1/2024	2407018	75.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
H-13@55'	7/1/2024	2407018	345.9	<0.0020	0.024	<0.0050	0.059	<0.0050	0.034	<0.0038	<50	
G-15@55'	7/1/2024	2407018	8.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
H-12@54'	7/1/2024	2407018	82.9	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
H-11@53'	7/2/2024	2407044	46.0	<0.0020	0.0086	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
G-12@55'	7/2/2024	2407044	86.7	<0.0020	0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
F-11@52'	7/3/2024	2407067	43.6	<0.0020	0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	
F-12@50'	7/3/2024	2407067	40.3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	

Notes:

1). The environmental cleanup standards for soil that are applicable to this site are the Colorado Energy & Carbon Management Commission (ECMC) standards for contaminants in soil according to Table 915-1 (Post January 15, 2021) of the ECMC 900 Series Rule for E&P Waste Management.

2). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

3). TPH - Total volatile (C_6 - C_{10}) and extractable (C_{10} - C_{36}) petroleum hydrocarbons.

bgs = below ground surface

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Bold values indicate an exceedance of the Site Specific and/or the ECMC Protection of Groundwater Soil Standards for the Site.

Bold red values indicate an exceedance of the Site Specific and/or the ECMC Residential Soil Standards for the Site.

*Table 915 Footnote 9. - If the method detection limit ("MDL") or practical quantitation limit ("PQL") for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

Table 2
DCP/P66 - Four Parmlee (H-6-9)
Polyaromatic Hydrocarbon (PAHs) Soil Sample Results
Weld County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benz(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-methylnaphthalene (mg/kg)	2-methylnaphthalene (mg/kg)	Comments
ECMC Residential Soil Screening Level Standards (mg/kg) [3]	-	-	-	**360**	**1800**	**1.1**	**0.11**	**1.1**	**11**	**110**	**0.11**	**240**	**240**	**1.1**	**180**	**18**	**24**	
ECMC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based [1 & 2] (mg/kg)	-	-	-	**0.55 (R)**	**5.8 (R)**	**0.011 (R)**	**0.24 (M)**	**0.3 (R)**	**2.9 (R)**	**9 (R)**	**0.096 (R)**	**8.9 (R)**	**0.54 (R)**	**0.98 (R)**	**1.3 (R)**	**0.006 (R)**	**0.019 (R)**	
Four Parmlee (H-6-9)																		
Source@7'	5/13/2024	2405191	2475	0.0576	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.222	<0.00500	<0.00500	**2.92**	**8.94**	
Base01@55'	5/15/2024	2405235	13.8	<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	
Swall01@20'	5/15/2024	2405325	2.9	<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	
BG01@7'	5/15/2024	2405241	2.7	<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	Background Sample
BG02@7'	5/15/2024	2405241	1.3	<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	Background Sample
BG03@7'	5/15/2024	2405241	0.6	<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	Background Sample
ETP01@20'	5/16/2024	2405272	6.9	<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	
ETP02@42'	5/16/2024	2405258F	145.2	<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	0.00606	
ETP05@49'	5/29/2024	2405452	15.3	<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	
STP05@35'	6/6/2024	2406081	241.6	<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	
NEOB-01 @20'	6/13/2024	2406185	15.9	<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	Overburden Sample
H-15 @48'	6/25/2024	2406241	70.4	<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	
G-16 @ 36'	6/25/2024	2406241	24.4	<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	
E-14@52'	6/27/2024	2406449	12.5	<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	
E-14@30'	6/27/2024	2406449	112.9	<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	
F-13@36'	6/27/2024	2406449	101.9	<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	
F-13@55'	6/27/2024	2406449	3.5	<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	
G-13@50'	7/1/2024	2407018	75.9	<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	
H-13@55'	7/1/2024	2407018	345.9	<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	
G-15@55'	7/1/2024	2407018	8.9	<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	
H-12@54'	7/1/2024	2407018	82.9	<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	
H-11@53'	7/2/2024	2407044	46.0	<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	
G-12@55'	7/2/2024	2407044	86.7	<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	
F-11@52'	7/3/2024	2407067	43.6	<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	
F-12@50'	7/3/2024	2407067	40.3	<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	

Notes:

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2). The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

mg/kg= Milligrams per kilogram.

bgs = below ground surface

PPM - Parts per million

PID - Photoionization Detector

Bold values indicate an exceedance of the ECMC Protection of Groundwater Soil Standards for the Site.

Bold red values indicate an exceedance of the ECMC Residential Soil Standards for the Site.

*Table 915 Footnote 9. - If the method detection limit ("MDL") or practical quantitation limit ("PQL") for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

NA = Not Analyzed

Table 3
DCP/P66 - Four Parmlee (H-6-9)
Soil Suitability and Inorganic Soil Sample Results
Weld County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	pH (pH units)	Specific Conductance (EC) (mmhos/cm)	Sodium Adsorption Ratio (SAR)	Boron (mg/l)	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)	Comments
ECMC Residential Soil Screening Level Standards (mg/kg) (3)	-	-	-	**6-8.3**	**<4 mmhos/cm**	**<6**	**2 (mg/l)**	**0.68**	**15000**	**71**	**0.3**	**3100**	**400**	**1500**	**390**	**390**	**23000**	
ECMC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based (1 & 2) (mg/kg)	-	-	-	**6-8.3**	**<4 mmhos/cm**	**<6**	**2 (mg/L)**	**0.29 (M)**	**82 (M)**	**0.38 (M)**	**0.00067 (R)**	**46 (M)**	**14 (M)**	**26 (R)**	**0.26 (M)**	**0.8 (R)**	**370 (R)**	
Four Parmlee (H-6-9)																		
Source@7'	5/13/2024	2405191	2475	6.18	0.174	1.95	<2.00	**0.969**	33.9	<0.200	<0.30*	1.54	2.26	1.51	<0.260	<0.0200	6.84	
Base01@55'	5/15/2024	2405235	13.8	7.89	0.0575	0.0603	<2.00	**5.43**	**105**	**0.451**	<0.30*	9.74	**17.1**	10.6	<0.260	0.0414	28.8	
Swall01@20'	5/15/2024	2405235	2.9	6.67	1.23	0.148	<2.00	**0.941**	32.4	<0.200	<0.30*	1.81	2.06	1.56	<0.260	0.0229	7.20	
BG01@7'	5/15/2024	2405241	2.7	7.71	0.0152	0.00374	<2.00	**0.807**	31.7	<0.200	<0.30*	1.73	2.29	2.08	<0.260	<0.0200	8.60	Background Sample
BG02@7'	5/15/2024	2405241	1.3	7.76	0.0223	0.00397	<2.00	**0.712**	27.4	<0.200	<0.30*	1.54	2.03	1.62	<0.260	<0.0200	11.0	Background Sample
BG03@7'	5/15/2024	2405241	0.6	7.68	0.0169	0.00526	<2.00	**0.665**	30.7	<0.200	<0.30*	5.64	1.99	1.90	<0.260	<0.0200	6.81	Background Sample
ETP01@20'	5/16/2024	2405272	6.9	**8.32**	0.102	0.218	<2.00	**2.16**	**201**	0.311	<0.30*	10.1	12.5	3.32	<0.260	0.122	29.2	
ETP02@42'	5/16/2024	2405258F	145.2	7.35	0.191	0.337	<2.00	**6.00**	**249**	**0.711**	<0.30*	20.4	13.5	**37.0**	**0.348**	0.0836	91.9	
ETP05@49'	5/29/2024	2405452	15.3	**8.47**	0.0650	0.160	<2.00	**0.824**	49.2	<0.200	<0.30*	1.17	4.24	1.59	<0.260	<0.0200	11.5	
STP05@35'	6/6/2024	2406081	241.6	8.18	0.0708	0.0517	<2.00	**83.5**	**240**	**1.41**	<0.30*	25.2	9.80	**34.7**	**1.63**	0.206	86.2	
NEOB-01 @20'	6/13/2024	2406185	15.9	7.13	0.0911	0.0449	<2.00	**0.822**	25.3	<0.200	<0.30*	1.11	2.72	1.02	<0.260	<0.0200	4.84	Overburden Sample
H-15 @48'	6/25/2024	2406241	70.4	8.14	0.283	0.351	<2.00	**1.29**	51.8	<0.200	<0.30*	0.908	4.58	1.13	<0.260	<0.0200	7.77	
G-16 @ 36'	6/25/2024	2406241	24.4	7.53	0.337	0.522	<2.00	**2.04**	25.0	<0.200	<0.30*	0.717	3.72	1.24	<0.260	<0.0200	8.17	
E-14@52'	6/27/2024	2406449	12.5	8.07	0.0840	0.199	<2.00	**3.66**	61.0	<2.000	<0.30*	7.26	5.77	5.41	<0.260	<0.0200	33.8	
E-14@30'	6/27/2024	2406449	112.9	**5.04**	2.29	1.54	<2.00	**67.9**	**196**	**1.93**	<0.30*	39.9	**14.9**	**52.4**	**1.28**	0.305	69.6	
F-13@36'	6/27/2024	2406449	101.9	7.71	0.0843	0.178	<2.00	**2.88**	29.5	<2.000	<0.30*	0.902	3.13	1.17	<0.260	<0.0200	6.66	
F-13@55'	6/27/2024	2406449	3.5	8.09	0.0612	0.0488	<2.00	**7.77**	**124**	**0.721**	<0.30*	15.8	**16.5**	**38.2**	**0.991**	0.0952	130	
G-13@50'	7/1/2024	2407018	75.9	**8.59**	0.0674	0.203	<2.00	**1.02**	**82.5**	<0.200	<0.30*	1.03	6.10	1.15	<0.260	0.0277	9.01	
H-13@55'	7/1/2024	2407018	345.9	7.67	0.0501	0.266	<2.00	**2.06**	60.3	**0.424**	<0.30*	8.27	**15.0**	9.05	**0.360**	0.0753	43.0	
G-15@55'	7/1/2024	2407018	8.9	8.00	0.0222	0.0942	<2.00	**2.80**	73.4	0.292	<0.30*	7.46	**15.4**	6.15	<0.260	0.0876	37.6	
H-12@54'	7/1/2024	2407018	82.9	7.28	0.0240	0.240	<2.00	**2.27**	52.9	<0.200	<0.30*	6.86	10.4	4.64	<0.260	0.0659	35.7	
H-11@53'	7/2/2024	2407044	46.0	**9.05**	0.168	0.361	<2.00	**3.38**	48.5	0.333	<0.30*	7.31	**16.0**	8.98	**0.362**	0.173	37.4	
G-12@55'	7/2/2024	2407044	86.7	**9.06**	0.158	0.303	<2.00	**2.43**	39.0	0.330	<0.30*	6.66	**16.7**	8.05	**0.494**	0.144	48.6	
F-11@52'	7/3/2024	2407067	43.6	8.08	0.0344	0.0693	<2.00	**2.48**	**122**	**0.991**	<0.30*	21.8	**22.9**	19.3	<0.260	0.0606	95.3	
F-12@50'	7/3/2024	2407067	40.3	8.14	0.0485	0.0647	<2.00	**4.23**	**133**	<0.200	<0.30*	6.22	10.5	3.15	**0.327**	0.0238	37.8	

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2). The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

mg/kg= Milligrams per kilogram.

PPM - Parts per million

PID - Photoionization Detector

Bold values indicate an exceedance of the ECMC Protection of Groundwater Soil Standards for the Site.

Bold red values indicate an exceedance of the ECMC Residential Soil Standards for the Site.

*Table 915 Footnote 9. - If the method detection limit ("MDL") or practical quantitation limit ("PQL") for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

NA = Not Analyzed

104°19'0"W 104°18'30"W 104°18'0"W 104°17'30"W 104°17'0"W 104°16'30"W 104°16'0"W 104°15'30"W 104°15'0"W 104°14'30"W 104°14'0"W 104°13'30"W 104°13'0"W

40°16'30"N 40°16'0"N 40°15'30"N 40°15'0"N 40°14'30"N 40°14'0"N

28 27 26 25 30
33 34 35 36 31
4 3 2 1 6 5 4
9 10 11 12 7 8 9
16 15 14 13 18

Lost Creek
Empire Intake Canal
Waite Lake
Monahan Lakes
Lost Creek Reservoir Number 1

Four Parmlee (H-6-9)

Legend

Site Location

N

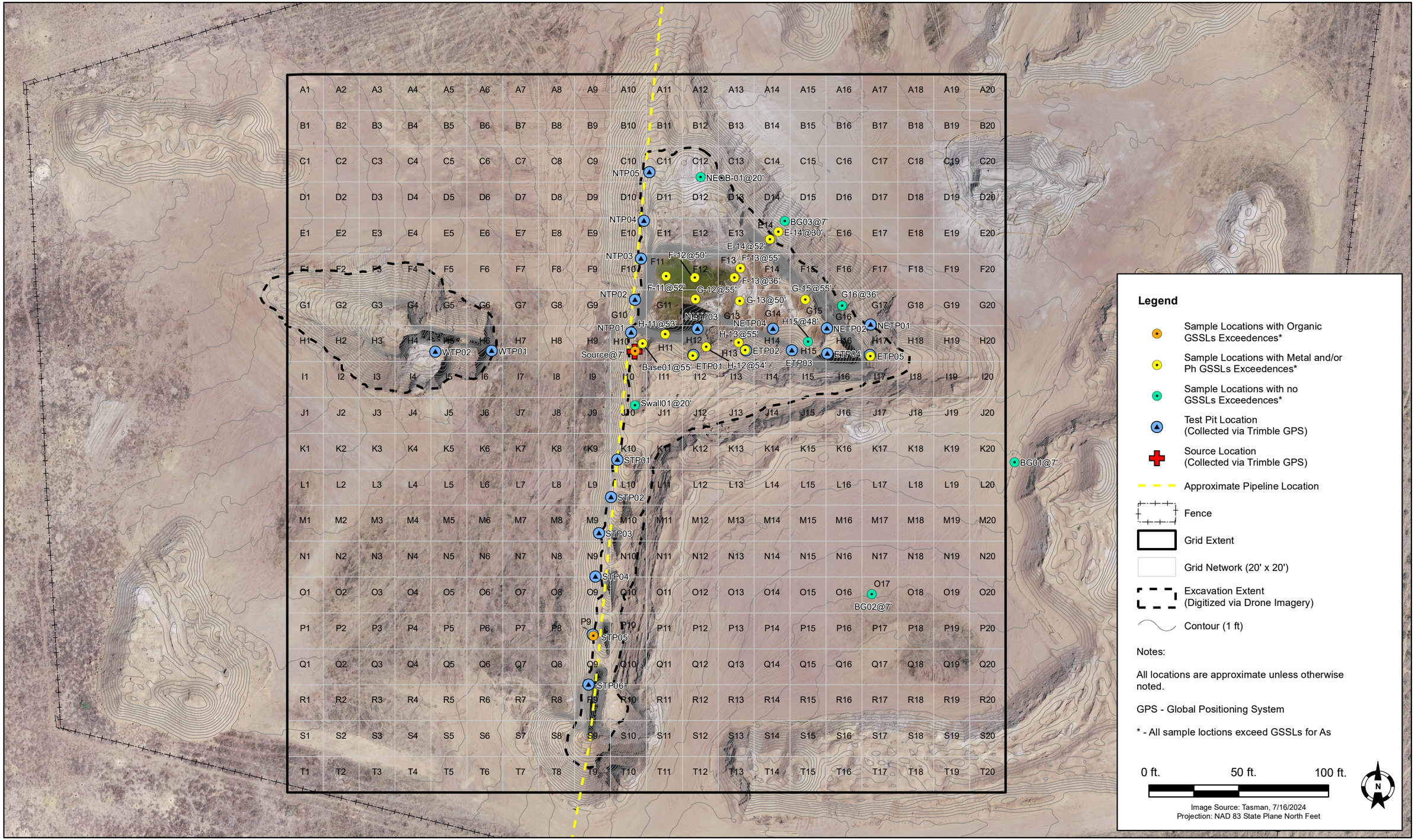
0 2,000 4,000 Feet

1 inch = 2,000 feet

1:24,000

DATE: March 2024 DESIGNED BY: S. Vogt DRAWN BY: J. Woffinden	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP/P66** **Four Parmlee (H-6-9) 3-2024** NESE Sec. 1-T3N-R62W Weld County, Colorado	Site Location Map	Figure 1

DATE: August 2024 DESIGNED BY: J. Watts DRAWN BY: J. Clonts	TASMAN Tasman, Inc. 6855 W. 119th Avenue Broomfield, Colorado 80020	**DCP/P66** **Four Parmlee (H-6-9) 3-2024** S1 T3N R62W Weld County, Colorado	Site Remediation Area Overview Map	Figure 2



DATE: August 2024

DESIGNED BY: J. Watts

DRAWN BY: J. Clonts

TASMAN

Tasman, Inc.
6855 W. 119th Avenue
Broomfield, Colorado 80020

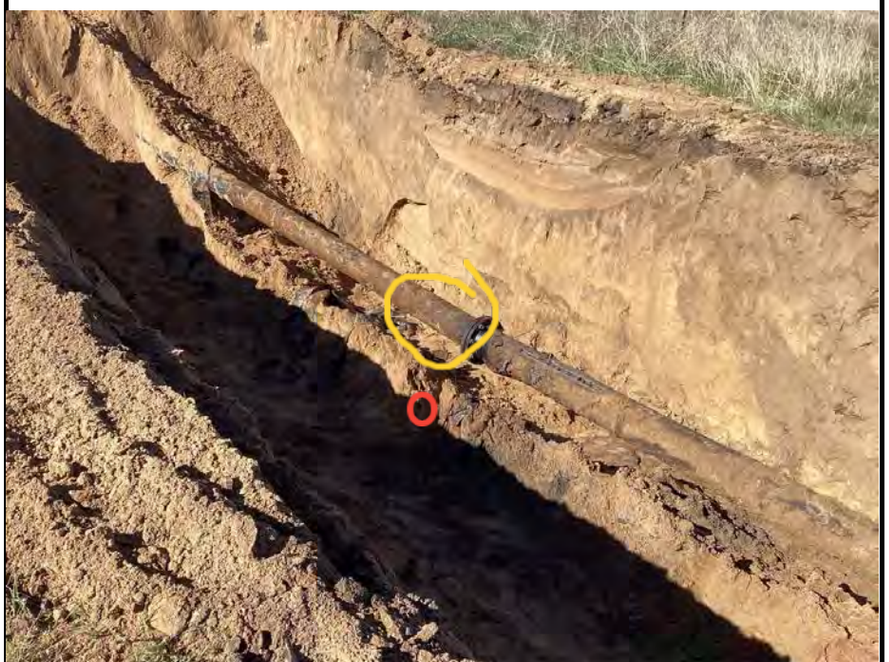
DCP/P66
Four Parmlee (H-6-9) 3-2024
S1 T3N R62W
Weld County, Colorado

Soil Sample Location Map

Figure 3

TASMAN

Photographic Log



Equipment ID:	Equipment Type:		Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Looking S/SW. Source@7' marked red. Leak on pipeline marked in yellow.			Notes/Conditions:		

TASMAN

Photographic Log

Equipment ID:	Equipment Type:		Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Looking N/NE at excavation.			Notes/Conditions: Looking S/SE at excavation.		

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Looking W. F-13 marked red.		

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Looking E/NE. F-14 marked in red.		

TASMAN

Photographic Log

Excavation Backfilling from North Looking South

TASMAN

Photographic Log

Excavation Backfilling from North Looking Southeast

TASMAN

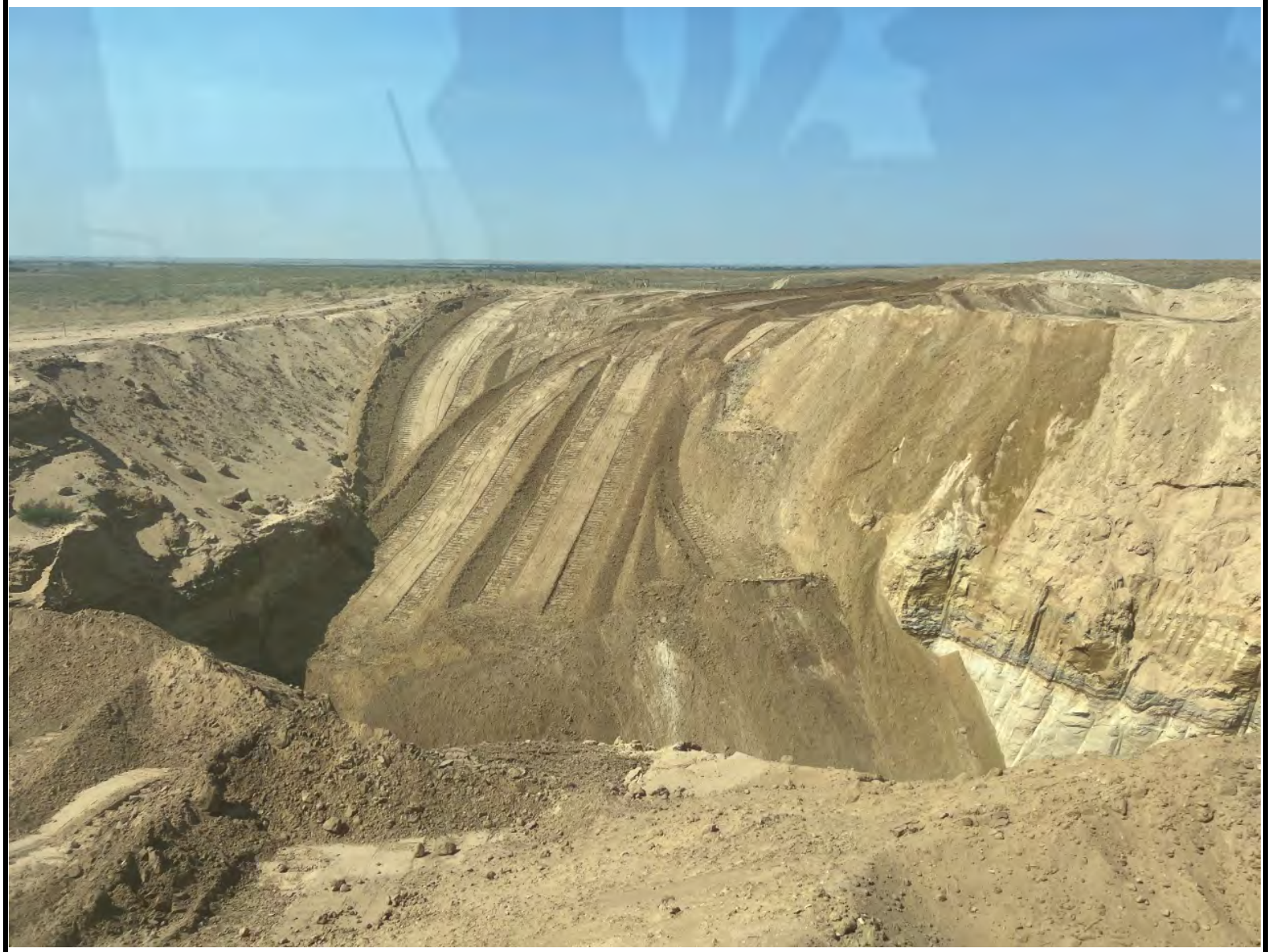
Photographic Log

Excavation Backfilling from South Looking North

TASMAN

Photographic Log

Excavation Backfilling from South Looking North



TASMAN

Photographic Log

Excavation Backfilling from South Looking North

TASMAN

Photographic Log

Western Test Pit/Excavation

Appendix C
DCP/P66 - Four Parmlee (H-6-9)
Soil Sample Location Coordinates
Weld County, Colorado

Sample ID	Latitude	Longitude
Source@7'	40.25304181730	-104.26636377200
Base01@55'	40.25304842810	-104.26635374500
Swall01@20'	40.25295935050	-104.26636528500
BG01@7'	40.25286445550	-104.26561000200
BG02@7'	40.25266534030	-104.26589868500
BG03@7'	40.25323763100	-104.26606174600
ETP01@20'	40.25303346020	-104.26624875100
ETP02@42'	40.25304090150	-104.26614413800
ETP05@49'	40.25302930810	-104.26589475200
STP05@35'	40.25260736600	-104.26645464100
NEOB-01 @20'	40.25330662450	-104.26622853400
H-15 @48'	40.25305297550	-104.26601831900
G-16 @ 36'	40.25310736300	-104.26594928700
E-14@52'	40.25321007680	-104.26609163300
E-14@30'	40.25322090390	-104.26607465000
F-13@36'	40.25315188280	-104.26616362000
F-13@55'	40.25316671890	-104.26615178300
G-13@50'	40.25311603270	-104.26615362800
H-13@55'	40.25305243270	-104.26615691000
G-15@55'	40.25311718980	-104.26602257600
H-12@54'	40.25304688000	-104.26622184100
H-11@53'	40.25306727840	-104.26630335800
G-12@55'	40.25312056820	-104.26624180300
F-11@52'	40.25315572860	-104.26629980800
F-12@50'	40.25315337860	-104.26624274600