

Table 4
DCP Operating, LP/Phillips 66 - Parmlee #4 (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)	
Parmlee #4 (H-6-9)																			
MW08@45'	1/7/2025	2501058	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	
MW08@54'	1/7/2025	2501058	0.0		<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	
MW09@29'	1/6/2025	2501059	0.2		<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	<0.00500	
MW09@54'	1/6/2025	2501059	0.0		<0.00500	<0.00500	<0.00500	<0.00500	0.00895	0.00632	<0.00500	<0.00500	<0.00500	<0.00500	0.00549	<0.00500	<0.00500	<0.00500	
MW10@48'	1/6/2025	2501059	1.2		<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	<0.00500	
MW10@54'	1/6/2025	2501059	0.0		<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	

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.