

TABLE 2.0
ANALYTICAL RESULTS
ORGANIC COMPOUNDS IN SOIL
KEYSTONE 3-7 HEATER TREATER RELEASE
LINCOLN COUNTY, COLORADO
POLARIS PRODUCTION OPCO, LLC

Sample Name	Sample Date	Sample Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	RRO (C28-C40) (mg/kg)	1,2,4- Trimethyl benzene (mg/kg)	1,3,5- Trimethyl benzene (mg/kg)	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)	Dibenzo(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)	Naphthalene (mg/kg)	Pyrene (mg/kg)
F501	2/15/22	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000422	ND	ND	ND
F502	2/15/22	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F503	2/15/22	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F504	2/15/22	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F505	2/15/22	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F506	2/15/22	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00118	ND	0.0015	0.00116	ND	0.000598	0.00102	ND	0.0055	0.00536	0.00121	0.00106
F507	2/15/22	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F508	2/15/22	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000704	ND	0.000677	ND	ND	ND	ND	ND	ND	ND	ND	ND
F509	2/15/22	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F510	2/15/22	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COGCC Table 915-1 Standard			1.2	490	5.8	58	500	500	500	30	27	360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	2	180

Notes:
Bold = Concentration exceeds COGCC Table 915-1 Residential Soil Screening Standard
COGCC = Colorado Oil and Gas Conservation Commission
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
RRO = Residual Range Organics
ft. bgs = Feet below ground surface
ND = Analyte NOT DETECTED at or above the laboratory reporting limit
FS = Excavation floor sample