

Linnebur 42-1 Soil Sample Results Table

Contaminant of Concern	Unit	Flowline Excavation 4/6/2023					Flowline 4/19/2023	4/6/23
		42-1 N Wall 17'	42-1 S Wall 17'	42-1 E Wall 17'	42-1 W Wall 17'	42-1 Floor 17'	Floor 20'	Background
Boron	mg/l	ND	1.74	0.17	0.63	ND	-	1.40
Diesel (C10-C28)	mg/kg	ND	ND	ND	ND	839	ND	-
Residual Range Organics (C28-C40)	mg/kg	ND	ND	ND	ND	691	ND	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-
Benzene	mg/kg	ND	ND	ND	ND	ND	-	-
Ethylbenzene	mg/kg	ND	ND	ND	ND	ND	-	-
Toluene	mg/kg	ND	ND	ND	ND	ND	-	-
Xylenes, total	mg/kg	ND	ND	ND	ND	0.00228	-	-
Gasoline Range Hydrocarbons	mg/kg	ND	ND	ND	ND	2.44	-	-
Calcium	meq/L	7.02	20.00	8.71	25.50	1.39	-	3.27
Magnesium	meq/L	2.58	13.90	3.33	8.01	ND	-	0.86
Sodium	meq/L	4.99	2.57	7.23	8.92	1.42	-	0.46
1-Methylnaphthalene	mg/kg	ND	ND	ND	ND	0.0526	-	-
2-Methylnaphthalene	mg/kg	ND	ND	ND	ND	0.0639	-	-
Acenaphthene	mg/kg	ND	ND	ND	ND	0.00864	-	-
Anthracene	mg/kg	ND	ND	ND	ND	ND	-	-
Benzo(a)anthracene	mg/kg	ND	ND	ND	ND	0.0257	-	-
Benzo(a)pyrene	mg/kg	ND	ND	ND	ND	ND	-	-
Benzo(b)fluoranthene	mg/kg	ND	ND	ND	ND	ND	-	-
Benzo(k)fluoranthene	mg/kg	ND	ND	ND	ND	ND	-	-
Chrysene	mg/kg	ND	ND	ND	ND	0.058	-	-
Dibenz(a,h)anthracene	mg/kg	ND	ND	ND	ND	ND	-	-
Fluoranthene	mg/kg	ND	ND	ND	ND	0.0116	-	-
Fluorene	mg/kg	ND	ND	0.00039	ND	0.0925	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	ND	ND	ND	ND	ND	-	-
Naphthalene	mg/kg	ND	ND	ND	ND	0.0288	-	-
Pyrene	mg/kg	ND	ND	ND	ND	0.0332	-	-
pH	-	7.97	7.75	7.98	7.78	8.09	-	8.08
SAR	-	2.28	0.56	2.95	2.18	1.47	-	0.32
Specific Conductance (EC)	mmhos/cm	1.32	3.13	1.74	3.09	0.35	-	0.54
Arsenic	mg/kg	-	-	-	-	1.87	-	4.51
Barium	mg/kg	-	-	-	-	19.1	-	111
Cadmium	mg/kg	-	-	-	-	ND	-	0.271
Copper	mg/kg	-	-	-	-	ND	-	11.3
Lead	mg/kg	-	-	-	-	ND	-	12.3
Nickel	mg/kg	-	-	-	-	ND	-	12.5
Selenium	mg/kg	-	-	-	-	0.346	-	0.361
Silver	mg/kg	-	-	-	-	ND	-	ND
Zinc	mg/kg	-	-	-	-	ND	-	ND
Chromium, Hexavalent	mg/kg	-	-	-	-	ND	-	ND