

Church Soil Sample Results Table

Contaminant of Concern	Unit	9/20/22				3/20/23	4/3/23	4/3/23	9/20/22	3/20/23
		Breach	SE of Pit	W of 41B-25	NW of Pad	Breach	W of 41B-25	NW of Pad	Background	Background
Boron	mg/l	1.08	0.146	0.261	0.211	-	-	-	ND	-
Diesel (C10-C28)	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Residual Range Organics (C28-C40)	mg/kg	ND	ND	ND	ND	-	-	-	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	-	-	-	ND	-
Gasoline Range Hydrocarbons	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Calcium	meq/L	ND	1.31	0.984	0.998	1.32	ND	ND	0.831	ND
Magnesium	meq/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	meq/L	16.600	3.79	5.71	5.37	ND	0.759	0.585	ND	1.32
1-Methylnaphthalene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
2-Methylnaphthalene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Acenaphthene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Anthracene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Benzo(a)anthracene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Benzo(a)pyrene	mg/kg	0.00239	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	0.00357	ND	ND	ND	-	-	-	ND	-
Dibenz(a,h)anthracene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Fluoranthene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Fluorene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.00328	ND	ND	ND	-	-	-	ND	-
Naphthalene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
Pyrene	mg/kg	ND	ND	ND	ND	-	-	-	ND	-
pH	-	8.21	8.18	7.86	7.78	-	-	-	6.97	-
SAR	-	30.5	4.22	7.28	6.94	0.304	4.66	3.02	0.0692	2.47
Specific Conductance (EC)	mmhos/cm	1.12	0.492	0.592	0.538	-	-	-	0.184	-
Arsenic	mg/kg	-	-	-	-	2.1	-	-	-	1.58
Barium	mg/kg	-	-	-	-	90.8	-	-	-	53.2
Cadmium	mg/kg	-	-	-	-	ND	-	-	-	ND
Copper	mg/kg	-	-	-	-	ND	-	-	-	ND
Lead	mg/kg	-	-	-	-	ND	-	-	-	ND
Nickel	mg/kg	-	-	-	-	ND	-	-	-	ND
Selenium	mg/kg	-	-	-	-	ND	-	-	-	ND
Silver	mg/kg	-	-	-	-	ND	-	-	-	ND
Zinc	mg/kg	-	-	-	-	ND	-	-	-	ND
Chromium, Hexavalent	mg/kg	-	-	-	-	ND	-	-	-	ND