

Pit Specific Sediment Chemistry for ESC CMP in Dec 2023

Working date: 4 Dec 2023		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs	TBT
Sampling Station		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	ng/L
Reporting Limit	Replicate	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	2.0	2.0	500	3	5	50	100	15
ESC-NNCA (Near-Pit)	1	14.0	0.11	27.30	26.40	36.30	0.10	16.80	0.14	72.7	<2.0	<2.0	6,700	<3	<5.0	1270	5210	<15
	2	13.3	0.11	27.20	24.80	34.90	0.10	16.80	0.15	72.5	<2.0	<2.0	5,300	<3	<5.0	292	1310	<15
ESC-NNCB (Near-Pit)	1	8.6	0.06	23.00	16.70	27.50	0.05	13.40	0.10	61.6	<2.0	<2.0	5,200	<3	<5.0	<50	220	<15
	2	8.8	0.06	21.30	16.80	26.60	0.06	11.60	0.10	57.8	<2.0	<2.0	4,800	<3	<5.0	<50	280	<15
ESC-NECA (Pit-Edge)	1	14.7	0.08	28.70	21.60	48.50	0.13	17.50	0.10	65.6	<2.0	<2.0	6,500	<3	<5.0	647	2450	<15
	2	15.0	0.09	28.40	24.50	38.90	0.13	17.40	0.10	70.8	<2.0	<2.0	6,700	<3	<5.0	1050	4200	<15
ESC-NECB (Pit-Edge)	1	18.4	0.11	32.40	23.20	41.10	0.10	18.90	0.08	67.1	<2.0	<2.0	7,200	<3	<5.0	<50	<100	<15
	2	15.4	0.10	31.60	21.30	36.80	0.10	18.60	0.10	69.0	<2.0	<2.0	6,200	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	10.7	0.39	62.00	558.00	96.20	1.20	43.60	1.86	241.0	<40.0	<40.0	18,800	<60	17	50300	139000	<15
	2	9.6	0.98	108.00	1070.00	158.00	1.61	65.40	3.03	419.0	<40.0	<40.0	21,200	127	18	106000	284000	<15
ESC-NPCB (Active-Pit)	1	11.2	0.16	37.30	137.00	47.40	0.29	22.30	0.61	119.0	<20.0	<20.0	10,500	<30	6	19900	68900	<15
	2	11.7	0.16	33.60	84.60	47.40	0.17	20.30	0.52	110.0	<20.0	<20.0	10,500	<30	6	17800	67800	<15