

Pit Specific Sediment Chemistry for ESC CMP in April 2023

Working date: 3 Apr 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	500	3.0	5	50	100	15
ESC-NNCA (Near-Pit)	1	16.3	0.13	44.70	29.40	42.20	0.13	25.10	0.16	98.7	<2.0	<2.0	7,900	<3	<5.0	78	340	<15
	2	16.1	0.13	48.10	29.80	41.10	0.13	25.10	0.18	103.0	<2.0	<2.0	7,300	<3	<5.0	295	1220	<15
ESC-NNCB (Near-Pit)	1	11.5	0.07	38.60	22.90	36.10	0.08	20.10	0.16	94.6	<2.0	<2.0	6,100	<3	<5.0	57	310	<15
	2	11.2	0.08	38.70	22.90	33.90	0.08	20.10	0.14	88.3	<2.0	<2.0	6,400	<3	<5.0	<50	310	<15
ESC-NECA (Pit-Edge)	1	18.1	0.10	51.00	27.10	44.00	0.18	28.40	0.10	98.3	<2.0	<2.0	6,900	<3	<5.0	<50	120	<15
	2	16.8	0.08	44.50	27.60	41.30	0.17	24.90	0.10	86.6	<2.0	<2.0	6,600	<3	<5.0	145	360	<15
ESC-NECB (Pit-Edge)	1	9.3	<0.05	38.20	12.70	26.30	0.06	21.10	0.05	68.3	<2.0	<2.0	4,000	<3	<5.0	58	<100	<15
	2	10.1	0.06	38.10	13.60	29.80	0.06	23.00	0.05	72.7	<2.0	<2.0	5,100	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	9.2	0.19	31.50	27.40	30.60	0.14	16.10	0.18	91.7	<20.0	<20.0	8,900	<30	<5.0	38400	69500	<15
	2	8.9	0.24	28.60	26.40	30.40	0.14	14.30	0.22	79.3	<20.0	<20.0	9,600	<30	<5.0	90500	136000	<15
ESC-NPCB (Active-Pit)	1	11.6	0.42	66.80	129.00	53.40	0.21	31.80	2.30	194.0	<20.0	<20.0	11,700	<30	<5.0	676	500	<15
	2	10.1	0.32	57.70	82.70	44.90	0.17	26.00	1.16	185.0	<20.0	<20.0	11,500	<30	<5.0	678	490	<15