

Pit Specific Sediment Chemistry for ESC CMP in Nov 2023

Working date: 7 Nov 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	13.8	0.11	27.40	26.90	36.90	0.11	17.30	0.15	83.6	<2.0	<2.0	6,200	<3	<5.0	712	3230	<15
	2	13.3	0.11	27.60	28.30	38.40	0.12	17.70	0.16	83.7	<2.0	<2.0	6,900	<3	<5.0	426	1930	<15
ESC-NNCB (Near-Pit)	1	8.8	0.06	22.70	20.40	29.80	0.07	13.30	0.11	63.7	<2.0	<2.0	4,700	<3	<5.0	90	630	<15
	2	9.0	0.06	20.60	20.10	26.30	0.08	12.30	0.11	62.4	<2.0	<2.0	4,700	<3	<5.0	143	830	<15
ESC-NECA (Pit-Edge)	1	15.8	0.08	30.00	22.50	37.80	0.16	18.50	0.08	67.6	<2.0	<2.0	6,200	<3	<5.0	349	1350	<15
	2	17.0	0.10	35.30	25.10	41.40	0.19	22.50	0.09	77.3	<2.0	<2.0	6,000	<3	<5.0	93	260	<15
ESC-NECB (Pit-Edge)	1	8.6	0.05	16.10	11.50	22.60	<0.05	9.83	0.07	57.8	<2.0	<2.0	3,500	<3	<5.0	62	370	<15
	2	9.8	<0.05	18.50	13.10	25.30	<0.05	10.90	0.08	59.9	<2.0	<2.0	4,000	<3	<5.0	129	730	<15
ESC-NPCA (Active-Pit)	1	13.0	0.09	28.50	41.50	40.40	0.12	18.00	0.21	85.4	<10.0	<10.0	8,100	<15	<5.0	9080	19100	<15
	2	13.6	0.10	34.40	37.30	43.90	0.11	22.10	0.20	97.4	<10.0	<10.0	8,400	<15	<5.0	6980	15300	<15
ESC-NPCB (Active-Pit)	1	12.0	0.10	29.70	46.40	41.20	0.12	19.20	0.26	94.7	<10.0	<10.0	8,600	<15	<5.0	13500	34000	<15
	2	12.0	0.10	32.00	38.20	42.80	0.12	19.90	0.26	94.9	<10.0	<10.0	9,000	<15	<5.0	3170	11400	<15