

Pit Specific Sediment Chemistry for ESC CMP in November 2025

Working date: 3 Nov 2025		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	16.7	0.11	31.80	25.00	38.50	0.16	18.50	0.14	74.3	<2.0	<2.0	6,500	<3	<5.0	<50	170	<15
	2	12.9	0.08	33.90	22.40	33.60	0.12	17.00	0.15	75.7	<2.0	<2.0	6,300	<3	<5.0	77	450	<15
ESC-NNCB (Near-Pit)	1	10.2	0.07	27.50	24.20	33.00	0.10	16.60	0.17	76.0	<2.0	<2.0	7,300	<3	<5.0	<50	160	<15
	2	9.4	0.08	26.90	24.30	32.70	0.09	14.40	0.16	69.3	<2.0	<2.0	7,200	<3	<5.0	51	360	<15
ESC-NECA (Pit-Edge)	1	14.0	0.09	30.90	20.70	34.00	0.14	16.10	0.09	58.2	<2.0	<2.0	6,400	<3	<5.0	226	710	<15
	2	12.2	0.08	24.60	19.40	31.60	0.11	13.80	0.11	60.0	<2.0	<2.0	5,900	<3	<5.0	133	710	<15
ESC-NECB (Pit-Edge)	1	6.9	<0.05	14.60	9.09	16.90	<0.05	6.60	0.06	33.5	<2.0	<2.0	2,600	<3	<5.0	<50	<100	<15
	2	8.0	<0.05	17.50	10.20	18.70	<0.05	8.15	0.06	38.1	<2.0	<2.0	3,200	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	11.1	0.21	38.40	56.40	37.60	0.12	21.80	0.92	163.0	<10.0	<10.0	11,600	<15	<5.0	121	530	<15
	2	11.7	0.24	43.70	64.10	42.50	0.13	24.90	1.42	177.0	<10.0	<10.0	11,800	<15	<5.0	65	350	<15
ESC-NPCB (Active-Pit)	1	12.2	0.20	35.40	57.60	39.30	0.14	19.20	1.24	114.0	<10.0	<10.0	10,500	<15	<5.0	<50	<100	<15
	2	12.7	0.17	36.40	51.00	40.10	0.11	20.20	0.90	110.0	<10.0	<10.0	10,600	<15	<5.0	<50	150	<15