

Pit Specific Sediment Chemistry for ESC CMP in August 2025

Working date: 4 Aug 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	16.3	0.11	29.60	26.20	39.60	0.18	17.60	0.15	75.5	<2.0	<2.0	6,900	<3	<5.0	<50	200	<15
	2	16.8	0.11	32.20	26.30	41.90	0.14	19.60	0.14	79.5	<2.0	<2.0	7,500	<3	<5.0	75	430	<15
ESC-NNCB (Near-Pit)	1	9.7	0.06	21.60	22.40	30.60	0.08	13.00	0.15	67.8	<2.0	<2.0	6,200	<3	<5.0	<50	110	<15
	2	10.0	0.09	29.50	24.20	31.20	0.08	16.10	0.15	73.4	<2.0	<2.0	6,500	<3	<5.0	<50	260	<15
ESC-NECA (Pit-Edge)	1	13.8	0.08	26.10	22.00	35.70	0.12	15.40	0.12	69.2	<2.0	<2.0	5,600	<3	<5.0	102	570	<15
	2	13.6	0.08	24.00	20.10	40.70	0.12	14.00	0.10	63.6	<2.0	<2.0	6,400	<3	<5.0	273	1120	<15
ESC-NECB (Pit-Edge)	1	9.4	<0.05	21.80	16.90	25.20	0.06	11.50	0.10	56.9	<2.0	<2.0	4,300	<3	<5.0	<50	180	<15
	2	12.9	0.07	21.40	15.90	30.30	0.06	12.20	0.08	54.9	<2.0	<2.0	5,300	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	10.9	0.26	42.40	75.70	42.80	0.15	22.80	1.02	132.0	<10.0	<10.0	9,800	<15	5	<50	<100	<15
	2	10.8	0.25	41.20	72.80	40.90	0.14	22.00	1.03	127.0	<10.0	<10.0	9,900	<15	<5.0	<50	<100	<15
ESC-NPCB (Active-Pit)	1	10.9	0.21	35.70	60.40	38.60	0.11	20.50	0.81	116.0	<10.0	<10.0	10,600	<15	<5.0	<50	170	<15
	2	12.0	0.21	38.60	62.40	42.00	0.13	22.20	0.70	127.0	<10.0	<10.0	10,800	<15	<5.0	<50	140	<15