

Pit Specific Sediment Chemistry for ESC CMP in October 2025

Working date: 8 Oct 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	11.0	0.08	25.70	21.70	36.40	0.09	13.80	0.15	74.6	<2.0	<2.0	5,800	<3	<5.0	288	1400	<15
	2	11.9	0.09	28.20	26.40	40.20	0.09	15.90	0.15	77.1	<2.0	<2.0	5,700	<3	<5.0	189	1110	<15
ESC-NNCB (Near-Pit)	1	9.8	0.07	26.90	21.20	29.10	0.08	13.90	0.14	71.1	<2.0	<2.0	6,100	<3	<5.0	<50	150	<15
	2	9.7	0.05	28.60	20.80	28.20	0.07	13.80	0.13	66.5	<2.0	<2.0	5,700	<3	<5.0	<50	280	<15
ESC-NECA (Pit-Edge)	1	11.9	0.07	41.50	20.80	30.60	0.10	19.30	0.10	62.8	<2.0	<2.0	5,800	<3	<5.0	110	800	<15
	2	13.0	0.09	36.70	20.90	33.30	0.14	18.50	0.11	71.0	<2.0	<2.0	6,000	<3	<5.0	222	1200	<15
ESC-NECB (Pit-Edge)	1	18.7	<0.05	16.50	11.40	20.70	<0.05	7.90	0.09	49.4	<2.0	<2.0	3,200	<3	<5.0	<50	<100	<15
	2	13.8	0.10	16.40	11.30	21.30	<0.05	7.83	0.09	49.2	<2.0	<2.0	3,400	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	9.8	0.24	40.70	81.20	38.30	0.13	26.40	1.58	154.0	<10.0	<10.0	11,000	<15	6	<50	280	<15
	2	9.2	0.32	38.80	80.80	39.20	0.12	22.60	1.86	180.0	<10.0	<10.0	12,000	<15	6	107	460	<15
ESC-NPCB (Active-Pit)	1	12.2	0.16	34.70	47.10	39.20	0.12	19.00	0.73	109.0	<10.0	<10.0	10,100	<15	<5.0	<50	200	<15
	2	12.8	0.16	35.60	49.80	40.60	0.11	19.60	0.68	111.0	<10.0	<10.0	10,000	<15	<5.0	<50	240	<15