

Pit Specific Sediment Chemistry for ESC CMP in July 2025

Working date: 2 Jul 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	14.0	0.10	29.10	24.90	38.10	0.16	16.50	0.18	76.2	<2.0	<2.0	6,400	<3	<5.0	<50	<100	<15
	2	13.2	0.10	29.70	24.00	37.80	0.18	17.20	0.18	82.7	<2.0	<2.0	7,100	<3	<5.0	355	1810	<15
ESC-NNCB (Near-Pit)	1	10.1	0.11	27.60	22.80	33.10	0.16	15.60	0.16	79.5	<2.0	<2.0	6,500	<3	<5.0	67	320	<15
	2	10.5	0.08	28.00	24.90	34.60	0.14	16.10	0.18	82.1	<2.0	<2.0	6,500	<3	<5.0	91	430	<15
ESC-NECA (Pit-Edge)	1	14.7	0.09	30.80	25.80	37.30	0.21	16.60	0.14	68.2	<2.0	<2.0	6,600	<3	<5.0	398	1840	<15
	2	15.9	0.10	31.50	33.10	39.50	0.21	17.90	0.17	75.5	<2.0	<2.0	6,600	<3	<5.0	721	4230	<15
ESC-NECB (Pit-Edge)	1	8.4	0.06	17.40	8.71	20.30	0.09	10.10	0.08	41.1	<2.0	<2.0	5,300	<3	<5.0	<50	<100	<15
	2	8.5	0.09	16.80	11.50	24.30	0.09	9.83	0.10	49.2	<2.0	<2.0	5,400	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	9.4	0.38	42.50	94.50	41.20	0.36	21.80	1.39	115.0	<10.0	<10.0	9,500	<15	<5.0	<50	130	<15
	2	9.8	0.24	38.00	61.40	38.80	0.22	20.00	1.06	117.0	<10.0	<10.0	9,400	<15	<5.0	<50	<100	<15
ESC-NPCB (Active-Pit)	1	10.6	0.21	30.70	52.80	36.80	0.22	17.10	0.83	106.0	<10.0	<10.0	9,500	<15	<5.0	<50	<100	<15
	2	11.5	0.20	35.10	51.20	39.40	0.20	19.20	0.70	109.0	<10.0	<10.0	9,500	<15	<5.0	53	220	<15