

Pit Specific Sediment Chemistry for ESC CMP in May 2025

Working date: 8 May 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	13.4	0.10	28.20	24.80	36.80	0.14	16.60	0.13	73.0	<2.0	<2.0	6,700	<3	<5.0	104	400	<15
	2	13.0	0.13	27.00	26.80	36.20	0.11	16.20	0.16	75.0	<2.0	<2.0	6,600	<3	<5.0	154	560	<15
ESC-NNCB (Near-Pit)	1	8.7	0.06	24.50	19.30	27.80	0.06	12.80	0.12	61.9	<2.0	<2.0	6,300	<3	<5.0	106	420	<15
	2	9.4	0.06	25.20	21.40	30.80	0.11	13.80	0.13	68.8	<2.0	<2.0	6,200	<3	<5.0	56	280	<15
ESC-NECA (Pit-Edge)	1	12.7	0.16	34.80	29.20	39.90	0.19	16.10	0.27	79.4	<2.0	<2.0	6,600	4	<5.0	539	2930	<15
	2	14.6	0.11	30.90	22.60	39.20	0.14	17.20	0.16	72.3	<2.0	<2.0	7,000	<3	<5.0	926	4810	<15
ESC-NECB (Pit-Edge)	1	7.4	<0.05	16.60	10.80	21.50	0.05	7.73	0.08	58.3	<2.0	<2.0	2,800	<3	<5.0	<50	280	23
	2	7.2	<0.05	17.90	12.40	21.10	<0.05	8.32	0.08	68.4	<2.0	<2.0	3,500	<3	<5.0	<50	190	<15
ESC-NPCA (Active-Pit)	1	9.9	0.36	47.40	86.10	47.40	0.24	21.00	1.37	149.0	<10.0	<10.0	10,100	<15	9	<50	140	<15
	2	11.4	0.72	85.20	109.00	87.80	0.80	29.20	1.45	209.0	<10.0	<10.0	12,700	38	<5.0	66	470	<15
ESC-NPCB (Active-Pit)	1	9.1	0.30	46.20	94.30	44.30	0.19	23.20	1.45	175.0	<10.0	<10.0	10,300	<15	8	<50	160	<15
	2	8.6	0.33	48.80	103.00	44.00	0.22	22.60	1.47	140.0	<10.0	<10.0	10,000	<15	8	<50	170	<15