

Pit Specific Sediment Chemistry for ESC CMP in June 2025

Working date: 9 Jun 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	12.9	0.10	23.40	24.60	33.70	0.11	13.80	0.16	69.7	<2.0	<2.0	7,500	<3	<5.0	199	1020	<15
	2	13.4	0.11	24.90	23.00	35.20	0.11	14.40	0.14	69.7	<2.0	<2.0	6,800	<3	<5.0	<50	<100	<15
ESC-NNCB (Near-Pit)	1	8.9	<0.05	19.70	15.80	24.50	0.08	10.00	0.11	53.4	<2.0	<2.0	4,500	<3	<5.0	67	290	<15
	2	9.7	0.05	19.40	14.50	24.00	0.06	9.65	0.10	49.6	<2.0	<2.0	4,000	<3	<5.0	58	310	<15
ESC-NECA (Pit-Edge)	1	14.4	0.09	28.40	21.20	35.10	0.14	15.10	0.12	62.1	<2.0	<2.0	6,700	<3	<5.0	456	2250	35
	2	13.8	0.09	29.10	22.50	40.80	0.12	15.20	0.15	67.0	<2.0	<2.0	7,000	<3	<5.0	195	1040	33
ESC-NECB (Pit-Edge)	1	6.9	<0.05	14.00	10.90	18.90	<0.05	7.07	0.08	41.6	<2.0	<2.0	3,100	<3	<5.0	61	210	82
	2	7.2	<0.05	18.60	11.20	18.70	<0.05	8.12	0.08	41.1	<2.0	<2.0	2,900	<3	<5.0	134	460	78
ESC-NPCA (Active-Pit)	1	10.1	0.32	45.40	81.40	44.40	0.18	21.00	1.39	154.0	<20.0	<20.0	10,200	<30	5	65	440	<15
	2	10.3	0.34	44.40	97.40	44.80	0.19	21.80	1.49	159.0	<20.0	<20.0	10,800	<30	7	55	260	<15
ESC-NPCB (Active-Pit)	1	10.4	0.32	46.00	84.10	46.10	0.20	21.20	1.29	153.0	<20.0	<20.0	10,400	<30	<5.0	62	180	<15
	2	10.6	0.27	42.70	78.10	43.00	0.17	21.00	1.26	145.0	<20.0	<20.0	11,000	<30	<5.0	<50	160	<15