

Pit Specific Sediment Chemistry for ESC CMP in September 2025

Working date: 2 Sep 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	13.9	0.09	29.80	23.80	39.00	0.15	17.30	0.14	78.2	<2.0	<2.0	6,400	<3	<5.0	68	260	<15
	2	14.1	0.10	28.00	23.00	36.90	0.16	15.80	0.14	75.6	<2.0	<2.0	6,600	<3	<5.0	285	1280	<15
ESC-NNCB (Near-Pit)	1	9.8	0.07	24.30	22.50	30.00	0.08	13.60	0.16	69.6	<2.0	<2.0	6,100	<3	<5.0	51	220	<15
	2	9.2	0.06	22.00	20.20	28.80	0.07	12.00	0.14	63.8	<2.0	<2.0	6,000	<3	<5.0	<50	220	<15
ESC-NECA (Pit-Edge)	1	13.6	0.09	24.00	20.40	34.40	0.10	13.20	0.14	67.0	<2.0	<2.0	6,400	<3	<5.0	225	790	<15
	2	14.3	0.09	26.80	20.80	35.00	0.10	14.60	0.13	71.8	<2.0	<2.0	6,200	<3	<5.0	377	1760	<15
ESC-NECB (Pit-Edge)	1	8.0	<0.05	14.20	10.00	18.40	<0.05	6.29	0.08	39.1	<2.0	<2.0	3,300	<3	<5.0	<50	<100	<15
	2	7.8	<0.05	15.60	9.96	18.90	<0.05	6.71	0.08	39.2	<2.0	<2.0	3,300	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	9.7	0.59	45.00	142.00	56.40	0.17	27.10	5.75	444.0	<20.0	<20.0	16,300	<30	8	133	700	<15
	2	8.5	0.45	41.30	159.00	48.20	0.17	23.90	7.98	372.0	<20.0	<20.0	17,600	<30	8	52	420	<15
ESC-NPCB (Active-Pit)	1	13.3	0.14	34.70	45.20	43.70	0.13	19.20	0.51	106.0	<10.0	<10.0	9,900	<15	<5.0	<50	160	<15
	2	12.8	0.16	33.20	48.60	41.40	0.14	18.60	0.66	106.0	<10.0	<10.0	9,000	<15	<5.0	<50	170	<15