

Pit Specific Sediment Chemistry for ESC CMP in Mar 2025

Working date: 3 Mar 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	14.3	0.10	30.40	27.10	37.10	0.12	18.00	0.14	78.7	<2.0	<2.0	6,800	<3	<5.0	396	2040	<15
	2	13.1	0.09	28.10	24.90	35.00	0.09	16.60	0.15	78.9	<2.0	<2.0	6,000	<3	<5.0	520	2930	<15
ESC-NNCB (Near-Pit)	1	9.5	0.06	26.50	23.90	31.00	0.08	15.60	0.14	74.8	<2.0	<2.0	5,200	<3	<5.0	<50	290	<15
	2	9.2	0.05	24.20	19.30	27.70	0.06	13.60	0.11	62.7	<2.0	<2.0	4,600	<3	<5.0	<50	220	<15
ESC-NECA (Pit-Edge)	1	11.8	0.07	24.60	20.80	29.60	0.09	14.10	0.11	61.7	<2.0	<2.0	5,100	<3	<5.0	1250	4770	<15
	2	14.2	0.08	27.90	22.10	32.50	0.12	16.60	0.11	67.2	<2.0	<2.0	5,500	<3	<5.0	1220	5230	<15
ESC-NECB (Pit-Edge)	1	8.2	<0.05	19.50	10.80	17.50	<0.05	9.64	0.06	41.2	<2.0	<2.0	2,400	<3	<5.0	64	310	<15
	2	6.8	<0.05	17.40	10.40	18.30	<0.05	8.60	0.06	40.6	<2.0	<2.0	2,600	<3	<5.0	<50	230	<15
ESC-NPCA (Active-Pit)	1	10.8	0.28	45.30	85.10	45.50	0.15	24.30	1.22	152.0	<10.0	<10.0	10,200	<15	<5.0	<50	190	<15
	2	10.6	0.27	43.50	87.20	42.00	0.17	23.10	1.05	151.0	<10.0	<10.0	10,300	<15	<5.0	<50	160	<15
ESC-NPCB (Active-Pit)	1	9.6	0.24	39.80	78.60	38.10	0.14	21.00	1.08	124.0	<10.0	<10.0	8,100	<15	<5.0	<50	240	<15
	2	9.8	0.22	38.80	72.80	37.40	0.12	20.80	0.97	121.0	<10.0	<10.0	8,500	<15	<5.0	<50	200	<15