

Pit Specific Sediment Chemistry for ESC CMP in Jan 2024

Working date: 2 Jan 2024		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	0.12	30.30	30.70	38.80	0.12	18.30	0.20	88.3	<2.0	<2.0	7,600	<3	<5.0	873	4650	<15
	2	15.0	0.13	31.00	28.90	40.20	0.12	19.00	0.18	87.4	<2.0	<2.0	7,600	<3	<5.0	74	400	<15
ESC-NNCB (Near-Pit)	1	10.9	0.08	28.70	23.30	36.00	0.08	16.90	0.16	85.2	<2.0	<2.0	6,300	<3	<5.0	70	630	<15
	2	9.9	0.07	24.10	22.10	32.40	0.10	14.40	0.14	75.0	<2.0	<2.0	5,800	<3	<5.0	122	790	<15
ESC-NECA (Pit-Edge)	1	14.5	0.11	28.40	33.60	38.00	0.12	17.60	0.19	82.4	<2.0	<2.0	6,800	<3	<5.0	813	3710	<15
	2	16.3	0.10	30.50	29.10	38.60	0.13	18.70	0.14	79.4	<2.0	<2.0	6,300	<3	<5.0	537	2540	<15
ESC-NECB (Pit-Edge)	1	13.9	0.05	21.40	14.50	30.20	0.08	8.95	0.08	52.0	<2.0	<2.0	2,900	<3	<5.0	84	720	<15
	2	10.7	0.16	15.80	9.02	25.30	<0.05	6.73	0.05	46.4	<2.0	<2.0	2,400	<3	<5.0	55	290	<15
ESC-NPCA (Active-Pit)	1	10.3	0.33	45.00	122.00	54.60	0.23	23.80	1.67	188.0	<40.0	<40.0	11,300	<60	7	16200	73100	<15
	2	11.2	0.28	39.30	142.00	50.60	0.28	22.50	1.41	165.0	<40.0	<40.0	10,900	<60	7	8170	18600	<15
ESC-NPCB (Active-Pit)	1	8.9	0.31	41.90	97.50	41.90	0.16	21.00	1.45	175.0	<40.0	<40.0	11,100	<60	12	8020	17800	<15
	2	9.0	0.37	48.30	151.00	49.60	0.27	25.50	1.63	193.0	<40.0	<40.0	11,300	<60	13	4720	15700	<15