

Pit Specific Sediment Chemistry for ESC CMP in May 2024

Working date: 7 May 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	17.5	0.14	34.60	32.20	44.60	0.14	21.80	0.17	89.6	<2.0	<2.0	8,000	<3	<5.0	167	970	<15
	2	16.7	0.12	33.10	31.30	43.60	0.16	20.70	0.15	85.8	<2.0	<2.0	7,400	<3	<5.0	174	690	<15
ESC-NNCB (Near-Pit)	1	9.3	0.06	21.60	20.40	27.70	0.07	13.30	0.12	66.0	<2.0	<2.0	5,800	<3	<5.0	138	730	<15
	2	9.4	0.07	22.60	19.30	28.90	0.07	13.40	0.11	67.6	<2.0	<2.0	5,400	<3	<5.0	114	500	<15
ESC-NECA (Pit-Edge)	1	17.2	0.09	33.20	29.40	40.00	0.16	20.40	0.10	72.6	<2.0	<2.0	6,200	<3	<5.0	405	2080	<15
	2	16.8	0.09	31.90	23.60	39.60	0.19	19.50	0.08	69.1	<2.0	<2.0	5,900	<3	<5.0	239	900	<15
ESC-NECB (Pit-Edge)	1	10.7	0.06	21.50	15.60	27.80	0.06	13.00	0.09	66.3	<2.0	<2.0	5,000	<3	<5.0	95	570	<15
	2	10.4	0.07	22.10	13.50	26.80	0.05	13.60	0.08	58.1	<2.0	<2.0	6,200	<3	<5.0	67	380	<15
ESC-NPCA (Active-Pit)	1	9.9	0.25	40.40	83.70	40.00	0.12	22.00	1.01	146.0	<20.0	<20.0	9,400	<30	<5.0	1190	3280	<15
	2	9.0	0.24	35.20	76.40	36.70	0.12	19.90	0.93	132.0	<20.0	<20.0	9,500	<30	<5.0	120	550	<15
ESC-NPCB (Active-Pit)	1	9.4	0.22	32.00	62.20	35.20	0.23	18.60	0.83	118.0	<20.0	<20.0	9,400	<30	8	1840	9430	<15
	2	8.8	0.20	31.20	62.70	35.30	0.15	17.50	0.75	111.0	<20.0	<20.0	8,400	<30	7	919	4860	<15