

Pit Specific Sediment Chemistry for ESC CMP in May 2023

Working date: 3 May 2023		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	500	3.0	5	50	100	15
ESC-NNCA (Near-Pit)	1	14.5	0.11	39.80	26.70	38.40	0.09	22.10	0.16	93.0	<2.0	<2.0	7,700	<3	<5.0	108	500	<15
	2	11.1	0.08	30.90	20.40	32.30	0.07	17.60	0.13	78.5	<2.0	<2.0	6,100	<3	<5.0	250	1230	<15
ESC-NNCB (Near-Pit)	1	10.5	0.06	31.90	18.40	29.40	0.06	16.50	0.12	74.6	<2.0	<2.0	5,200	<3	<5.0	<50	290	<15
	2	9.2	0.06	28.90	18.20	28.20	0.06	15.40	0.10	69.2	<2.0	<2.0	5,400	<3	<5.0	<50	360	<15
ESC-NECA (Pit-Edge)	1	15.1	0.08	29.90	20.00	36.70	0.12	18.30	0.08	75.8	<2.0	<2.0	6,600	<3	<5.0	296	1770	<15
	2	14.8	0.09	28.50	20.70	36.90	0.12	17.60	0.09	74.4	<2.0	<2.0	8,400	<3	<5.0	301	1300	<15
ESC-NECB (Pit-Edge)	1	7.2	0.05	16.20	10.10	19.40	<0.05	9.22	0.06	44.9	<2.0	<2.0	4,200	<3	<5.0	<50	170	21
	2	10.6	0.06	18.40	10.80	22.30	<0.05	10.70	0.07	47.7	<2.0	<2.0	3,200	<3	<5.0	<50	<100	20
ESC-NPCA (Active-Pit)	1	7.0	0.11	20.10	18.80	24.90	0.06	11.90	0.15	57.0	<20.0	<20.0	4,400	<30	<5.0	14800	27000	<15
	2	6.8	0.09	18.30	15.20	22.10	<0.05	11.20	0.12	53.0	<20.0	<20.0	7,400	<30	<5.0	21100	112000	<15
ESC-NPCB (Active-Pit)	1	10.7	0.29	45.20	86.40	45.30	0.18	23.90	1.04	178.0	<20.0	<20.0	12,300	<30	7	2690	4890	<15
	2	10.3	0.30	39.80	81.80	45.30	0.16	21.50	1.04	177.0	<20.0	<20.0	12,600	<30	8	5640	10200	<15