

Pit Specific Sediment Chemistry for ESC CMP in March 2023

Working date: 7 Mar 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	14.6	0.09	41.00	27.60	38.70	0.12	24.00	0.16	89.4	<2.0	<2.0	7,500	<3	<5.0	93	320	<15
	2	18.4	0.14	57.00	32.50	64.50	0.15	30.00	0.14	105.0	<2.0	<2.0	8,000	<3	<5.0	87	270	<15
ESC-NNCB (Near-Pit)	1	8.5	<0.05	26.20	15.70	25.40	0.05	14.80	0.10	62.7	<2.0	<2.0	4,700	<3	<5.0	<50	<100	<15
	2	8.8	0.06	31.00	16.60	26.70	0.05	16.40	0.09	66.1	<2.0	<2.0	4,500	<3	<5.0	52	420	<15
ESC-NECA (Pit-Edge)	1	16.9	0.08	44.60	23.00	37.50	0.13	25.40	0.08	80.8	<2.0	<2.0	6,300	<3	<5.0	534	1200	<15
	2	14.2	0.08	44.60	22.10	37.30	0.12	25.10	0.08	79.5	<2.0	<2.0	6,100	<3	<5.0	751	920	<15
ESC-NECB (Pit-Edge)	1	7.9	0.06	41.70	12.90	27.30	<0.05	25.20	<0.05	68.2	<2.0	<2.0	5,400	<3	<5.0	<50	<100	<15
	2	9.1	0.05	38.20	14.20	29.80	<0.05	24.40	0.05	72.6	<2.0	<2.0	6,000	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	12.3	0.21	39.90	33.90	39.10	0.19	22.00	0.22	114.0	<20.0	<20.0	7,500	<30	<5.0	16000	51300	<15
	2	11.6	0.25	42.40	35.20	41.80	0.14	21.20	0.24	113.0	<20.0	<20.0	7,600	<30	<5.0	29500	73000	<15
ESC-NPCB (Active-Pit)	1	8.8	0.27	52.80	86.20	39.30	0.16	25.80	1.30	127.0	<20.0	<20.0	7,800	<30	5	24500	21300	<15
	2	10.6	0.29	61.40	89.70	45.60	0.16	29.00	1.28	183.0	<20.0	<20.0	9,900	<30	5	16800	12500	<15