

Pit Specific Sediment Chemistry for ESC CMP in Sep 2023

Working date: 4 Sep 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	13.7	0.10	27.40	23.80	37.50	0.10	15.50	0.14	68.6	<2.0	<2.0	7,000	<3	<5.0	73	460	<15
	2	14.2	0.11	27.60	24.30	37.40	0.13	15.50	0.15	70.4	<2.0	<2.0	7,500	<3	<5.0	87	400	<15
ESC-NNCB (Near-Pit)	1	11.0	0.08	28.50	22.80	33.30	0.08	15.90	0.14	78.6	<2.0	<2.0	9,800	<3	<5.0	133	530	<15
	2	9.5	0.06	21.60	18.90	27.50	0.08	11.80	0.12	60.3	<2.0	<2.0	6,200	<3	<5.0	<50	110	<15
ESC-NECA (Pit-Edge)	1	14.9	0.09	27.50	22.20	33.40	0.14	15.50	0.13	65.6	<2.0	<2.0	7,000	<3	<5.0	<50	<100	<15
	2	13.0	0.08	25.90	20.00	32.80	0.11	14.90	0.12	67.1	<2.0	<2.0	6,400	<3	<5.0	69	360	<15
ESC-NECB (Pit-Edge)	1	9.0	0.06	14.20	7.21	22.40	<0.05	5.11	0.05	34.1	<2.0	<2.0	2,500	<3	<5.0	<50	<100	<15
	2	9.1	<0.05	14.20	5.80	21.00	<0.05	5.26	<0.05	36.1	<2.0	<2.0	2,400	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	11.5	0.10	27.00	29.40	39.90	0.08	15.80	0.19	78.8	<10.0	<10.0	8,800	<15	<5.0	357	1530	<15
	2	10.7	0.10	26.60	27.70	41.00	0.08	15.90	0.19	76.3	<10.0	<10.0	8,100	<15	<5.0	466	1790	<15
ESC-NPCB (Active-Pit)	1	12.2	0.22	33.70	35.00	40.10	0.10	19.10	0.29	95.3	<10.0	<10.0	9,400	<15	9	642	4860	<15
	2	11.4	0.11	30.40	31.80	39.30	0.11	17.20	0.25	86.9	<10.0	<10.0	10,800	<15	10	429	3110	<15