

Pit Specific Sediment Chemistry for ESC CMP in Jul 2023

Working date: 3 Jul 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	14.2	0.13	24.70	24.10	40.30	0.11	15.10	0.17	76.9	<2.0	<2.0	7,300	<3	<5.0	<50	170	<15
	2	16.0	0.13	29.00	28.10	43.40	0.14	18.30	0.17	84.3	<2.0	<2.0	7,800	<3	<5.0	<50	180	<15
ESC-NNCB (Near-Pit)	1	10.6	0.08	22.10	19.00	37.90	0.08	13.20	0.14	71.9	<2.0	<2.0	7,000	<3	<5.0	71	640	<15
	2	10.3	0.07	20.90	19.40	32.70	0.08	12.40	0.13	68.0	<2.0	<2.0	7,100	<3	<5.0	54	320	<15
ESC-NECA (Pit-Edge)	1	14.4	0.09	23.00	17.40	34.90	0.12	13.80	0.08	61.8	<2.0	<2.0	6,900	<3	<5.0	57	260	<15
	2	17.1	0.10	29.70	22.80	41.20	0.17	18.60	0.08	68.6	<2.0	<2.0	6,900	<3	<5.0	98	280	<15
ESC-NECB (Pit-Edge)	1	10.7	<0.05	15.20	5.77	24.60	0.09	4.84	0.09	25.5	<2.0	<2.0	1,600	<3	<5.0	<50	<100	<15
	2	10.2	<0.05	13.50	6.38	24.00	0.06	5.03	0.10	29.4	<2.0	<2.0	1,400	<3	<5.0	<50	<100	<15
ESC-NPCA (Active-Pit)	1	10.0	0.12	19.70	21.50	32.80	0.11	12.10	0.19	65.2	<20.0	<20.0	7,200	<30	<5.0	10300	29300	<15
	2	9.6	0.09	20.80	22.70	32.40	0.08	12.90	0.16	68.8	<20.0	<20.0	7,300	<30	<5.0	1760	7930	<15
ESC-NPCB (Active-Pit)	1	10.2	0.32	34.90	79.80	47.60	0.19	19.30	1.18	174.0	<20.0	<20.0	12,800	<30	7	576	2990	<15
	2	10.1	0.31	35.90	81.20	45.10	0.16	19.60	1.04	164.0	<20.0	<20.0	13,300	<30	7	437	1290	<15