

Pit Specific Sediment Chemistry for ESC CMP in Dec 2024

Working date: 5 Dec 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	14.8	0.11	30.00	27.50	40.80	0.13	19.10	0.14	83.4	<2.0	<2.0	6,600	<3	<5.0	61	350	<15
	2	15.6	0.11	31.30	26.10	42.60	0.16	19.00	0.16	93.1	<2.0	<2.0	6,700	<3	<5.0	432	2220	<15
ESC-NNCB (Near-Pit)	1	9.6	0.07	22.40	20.60	29.30	0.08	13.80	0.14	72.9	<2.0	<2.0	6,200	<3	<5.0	62	300	<15
	2	10.0	0.09	24.10	23.20	36.40	0.09	14.90	0.16	80.4	<2.0	<2.0	6,600	<3	<5.0	<50	320	<15
ESC-NECA (Pit-Edge)	1	12.8	0.09	23.50	23.90	34.00	0.12	14.80	0.10	71.0	<2.0	<2.0	5,300	<3	<5.0	1600	8520	<15
	2	13.8	0.08	24.40	20.10	34.80	0.12	15.30	0.10	68.3	<2.0	<2.0	5,600	<3	<5.0	1290	6190	<15
ESC-NECB (Pit-Edge)	1	9.9	0.16	18.10	13.60	27.90	0.05	11.10	0.10	67.2	<2.0	<2.0	3,600	<3	<5.0	390	2090	<15
	2	9.2	0.17	15.80	11.00	28.00	<0.05	9.08	0.08	64.3	<2.0	<2.0	3,500	<3	<5.0	261	1430	<15
ESC-NPCA (Active-Pit)	1	11.6	0.20	27.80	38.80	48.80	0.10	17.40	0.30	120.0	<20.0	<20.0	9,100	<30	6	296	1260	<15
	2	11.8	0.11	29.60	31.80	41.50	0.10	18.80	0.23	98.6	<20.0	<20.0	8,800	<30	<5.0	238	880	<15
ESC-NPCB (Active-Pit)	1	14.3	0.10	31.40	35.40	40.90	0.14	19.80	0.25	99.9	<20.0	<20.0	9,600	<30	<5.0	446	2680	<15
	2	13.9	0.09	32.90	35.20	43.60	0.15	21.40	0.23	103.0	<20.0	<20.0	9,400	<30	<5.0	260	1800	<15