

Pit Specific Sediment Chemistry for ESC CMP in October 2017

Working date : 3 October 2017		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs	TBT
Sampling Station	Replicate	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	mg/kg	ug/kg	ug TBT/kg	ug/kg	ug/kg	ng TBT/L
ESC-NNAA (Near-Pit)	1	8.1	0.10	22.08	22.34	24.06	0.03	11.68	0.18	67.2	1	1	8,300	1.5	2.5	27.5	80	5
	2	7.4	0.08	19.65	18.65	22.02	0.03	10.69	0.14	59.1	1	1	8,200	1.5	2.5	27.5	80	5
	3	8.7	0.14	25.62	33.11	29.04	0.03	14.73	0.33	86.0	1	1	8,200	1.5	6	27.5	80	5
	4	8.3	0.07	23.70	21.17	23.96	0.03	12.63	0.14	66.3	1	1	7,100	1.5	3	27.5	80	5
	5	8.9	0.09	20.93	19.60	23.28	0.03	12.11	0.13	64.8	1	1	7,300	1.5	3	27.5	80	5
	6	7.8	0.08	18.65	19.34	22.23	0.03	10.58	0.13	60.9	1	1	6,800	1.5	3	27.5	80	5
	7	8.6	0.06	20.06	19.70	22.79	0.07	10.97	0.15	64.8	1	1	7,500	1.5	3	27.5	80	5
	8	9.0	0.07	27.54	18.51	22.97	0.03	11.49	0.13	61.2	1	1	7,400	1.5	3	27.5	80	5
	9	8.8	0.08	20.62	20.29	23.28	0.03	11.82	0.14	66.3	1	1	7,200	1.5	3	27.5	80	5
	10	8.3	0.08	19.67	19.86	22.25	0.03	11.36	0.15	64.4	1	1	6,500	1.5	3	27.5	80	5
	11	9.0	0.08	21.40	20.11	24.37	0.03	11.85	0.14	65.7	1	1	7,900	1.5	3	27.5	80	5
	12	9.0	0.07	26.37	19.10	24.59	0.03	12.16	0.13	63.9	1	1	7,200	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	10.5	0.08	27.01	26.79	31.26	0.09	17.64	0.16	90.8	1	1	6,300	1.5	3	27.5	80	5
	2	10.8	0.09	25.08	24.79	29.08	0.03	16.18	0.16	82.8	1	1	6,400	1.5	3	27.5	80	5
	3	10.5	0.08	24.37	24.42	29.02	0.07	15.70	0.16	84.5	1	1	6,300	1.5	3	27.5	80	5
	4	10.5	0.07	25.21	26.16	29.34	0.03	16.46	0.16	86.1	1	1	5,800	1.5	3	27.5	80	5
	5	12.1	0.09	27.58	27.44	32.84	0.03	17.95	0.17	86.1	1	1	6,700	1.5	3	27.5	80	5
	6	11.6	0.08	26.57	25.30	31.22	0.05	17.46	0.16	86.6	1	1	7,000	1.5	3	27.5	80	5
	7	11.7	0.07	26.48	27.51	30.51	0.16	17.03	0.18	85.1	1	1	6,400	1.5	3	27.5	80	5
	8	11.4	0.06	25.88	25.19	31.69	0.06	16.56	0.15	91.6	1	1	6,800	1.5	3	27.5	80	5
	9	11.6	0.09	26.98	37.49	32.01	0.03	17.47	0.19	86.2	1	1	6,700	1.5	5	27.5	80	5
	10	11.5	0.08	27.67	28.85	32.24	0.07	17.87	0.20	91.1	1	1	7,200	1.5	3	27.5	80	5
	11	10.9	0.09	26.77	27.73	30.35	0.09	17.38	0.19	88.5	1	1	7,100	1.5	3	27.5	80	5
	12	10.9	0.09	26.59	27.74	31.34	0.06	17.18	0.19	88.6	1	1	6,900	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	13.6	0.10	28.86	21.75	27.33	0.03	13.30	0.13	69.8	1	1	8,600	1.5	3	27.5	80	5
	2	9.1	0.08	24.97	21.47	26.15	0.18	16.24	0.12	75.6	1	1	8,300	1.5	3	27.5	80	5
	3	9.7	0.08	26.95	20.21	26.29	0.05	16.79	0.11	75.1	1	1	8,500	1.5	3	27.5	80	5
	4	9.7	0.07	24.76	20.93	27.60	0.03	13.00	0.14	69.8	1	1	8,100	1.5	3	27.5	80	5
	5	8.4	0.09	25.45	20.74	24.79	0.03	15.45	0.12	73.3	1	1	8,300	1.5	3	27.5	80	5
	6	7.3	0.08	20.88	18.56	21.28	0.07	11.81	0.12	58.0	1	1	8,600	1.5	3	27.5	80	5
	7	9.2	0.10	26.97	22.20	26.78	0.03	17.16	0.14	78.7	1	1	8,300	1.5	3	27.5	80	5
	8	9.2	0.08	28.35	20.32	29.54	0.03	18.27	0.11	78.2	1	1	9,400	1.5	3	27.5	80	5
	9	9.2	0.07	29.04	17.29	26.40	0.03	19.66	0.09	76.6	1	1	9,000	1.5	3	27.5	80	5
	10	8.7	0.10	27.40	17.64	25.08	0.10	17.55	0.09	72.5	1	1	9,300	1.5	3	27.5	80	5
	11	9.5	0.09	27.88	19.39	28.79	0.03	17.22	0.12	74.0	1	1	9,600	1.5	3	27.5	80	5
	12	8.5	0.08	28.25	15.20	24.94	0.03	18.99	0.05	75.2	1	1	9,500	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	12.6	0.08	29.74	25.40	31.92	0.05	19.39	0.13	87.0	1	1	9,100	1.5	6	27.5	80	5
	2	11.8	0.09	28.01	26.45	31.08	0.07	18.22	0.16	90.8	1	1	9,100	1.5	7	27.5	80	5
	3	10.6	0.09	24.52	22.92	28.75	0.03	15.87	0.14	84.2	1	1	8,000	1.5	3	27.5	80	5
	4	13.7	0.10	31.98	27.02	34.39	0.05	20.82	0.15	92.2	1	1	9,100	1.5	3	27.5	80	5
	5	10.5	0.08	26.38	26.09	30.07	0.03	16.96	0.17	88.7	1	1	7,700	1.5	3	27.5	80	5
	6	13.2	0.08	31.37	25.54	33.13	0.14	20.60	0.14	87.3	1	1	8,600	1.5	3	27.5	80	5
	7	11.8	0.11	27.39	24.35	30.15	0.05	17.79	0.13	85.9	1	1	7,900	1.5	3	27.5	80	5
	8	13.4	0.09	30.00	24.41	31.83	0.08	19.52	0.13	81.7	1	1	9,000	1.5	3	27.5	80	5
	9	10.6	0.07	24.10	24.76	30.27	0.03	15.47	0.18	82.3	1	1	7,700	1.5	3	27.5	80	5
	10	11.5	0.07	25.51	23.30	32.70	0.03	16.22	0.14	80.8	1	1	8,400	1.5	3	27.5	80	5
	11	11.8	0.07	25.62	20.71	28.87	0.03	16.50	0.09	72.6	1	1	8,600	1.5	3	27.5	80	5
	12	11.2	0.08	25.57	24.19	29.80	0.03	16.33	0.15	80.8	1	1	7,700	1.5	14	27.5	80	5
ESC-NPAA (Active-Pit)	1	12.0	0.14	31.65	48.40	36.63	0.05	19.38	0.71	105.7	1	1	9,600	1.5	8	27.5	80	5
	2	13.3	0.13	33.07	43.63	41.79	0.07	21.19	0.41	111.4	1	1	11,000	1.5	6	27.5	80	5
	3	11.8	0.22	36.54	69.22	38.20	0.03	20.92	1.11	119.7	1	1	10,000	1.5	13	27.5	80	5
	4	11.4	0.27	38.07	85.14	88.32	0.03	20.83	0.42	124.0	1	1	9,500	1.5	6	27.5	80	5
	5	12.3	0.17	34.45	58.24	37.51	0.11	20.80	0.91	115.6	1	1	8,600	1.5	5	27.5	80	5
	6	13.0	0.14	33.71	51.04	38.09	0.09	21.03	0.55	116.9	1	1	8,900	1.5	6	27.5	80	5
	7	11.3	0.18	32.32	63.91	35.66	0.05	18.92	0.92	114.9	1	1	8,500	1.5	6	27.5	80	5
	8	12.0	0.19	36.31	65.00	37.43	0.06	21.15	0.91	117.1	1	1	8,700	1.5	7	27.5	80	5
	9	10.1	0.20	31.59	66.72	32.62	0.03	17.99	0.98	103.2	1	1	8,400	1.5	3	27.5	80	5
	10	10.5	0.25	40.09	87.43	37.94	0.12	20.48	1.38	126.6	1	1	8,700	1.5	17	27.5	80	5
	11	9.6	0.09	24.88	33.60	29.51	0.03	16.02	0.29	87.4	1	1	9,000	1.5	3	27.5	80	5
	12	8.6	0.13	33.09	51.66	30.00	0.03	20.24	0.76	97.4	1	1	9,300	1.5	3	27.5	80	5
ESC-NPAB (Active-Pit)	1	12.5	0.14	30.77	41.84	36.55	0.06	19.54	0.40	101.1	1	1	9,400	1.5	3	27.5	80	5
	2	13.5	0.24	32.73	46.20	40.91	0.13	20.59	0.60	110.6	1	1	9,000	1.5	3	27.5	80	5
	3	14.0	0.14	34.37	45.45	39.02	0.03	21.61	0.36	109.2	1	1	9,300	1.5	5	27.5	80	5
	4	14.2	0.12	33.85	43.40	40.16	0.06	21.40	0.32	111.0	1	1	9,400	1.5	3	27.5	80	5
	5	14.7	0.10	33.87	40.50	42.17	0.03	21.56	0.26	107.2	1	1	9,000	1.5	3	27.5	80	5
	6	14.4	0.10	32.41	40.53	38.55	0.05	20.69	0.31	106.5	1	1	9,000	1.5	3	27.5	80	5
	7	15.3	0.12	35.23	40.59	41.26	0.03	22.55	0.24	113.3	1	1	9,100	1.5	5	27.5	80	5
	8	15.3	0.12	36.60	46.81	42.43	0.03	23.42	0.36	117.3	1	1	9,600	1.5	3	27.5	80	