

Pit Specific Sediment Chemistry for ESC CMP in July 2017

Working date : 12 July 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		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
	Replicate																	
ESC-NNAA (Near-Pit)	1	8.3	0.08	20.43	12.66	25.85	0.10	11.25	0.20	64.7	1	1	6,600	1.5	6	27.5	80	5
	2	8.9	0.09	22.66	13.08	27.41	0.03	11.91	0.17	67.6	1	1	6,700	1.5	3	27.5	80	5
	3	8.1	0.07	22.90	13.57	24.73	0.03	12.23	0.15	84.5	1	1	5,300	1.5	3	27.5	80	5
	4	8.2	0.23	23.09	30.64	25.57	0.09	11.60	0.17	69.9	1	1	6,100	1.5	5	27.5	80	5
	5	6.6	0.03	29.33	6.88	24.14	0.03	10.13	0.09	50.2	1	1	5,300	1.5	3	27.5	80	5
	6	7.5	0.09	20.42	11.79	24.28	0.03	10.48	0.17	62.1	1	1	6,100	1.5	6	27.5	80	5
	7	8.4	0.08	21.23	10.37	22.73	0.03	12.09	0.14	58.5	1	1	6,900	1.5	3	27.5	80	5
	8	8.4	0.08	25.28	14.01	26.39	0.03	12.65	0.18	68.7	1	1	6,000	1.5	8	27.5	80	5
	9	11.9	0.13	119.35	13.99	28.28	0.03	13.82	0.16	77.5	1	1	6,900	1.5	8	27.5	80	5
	10	9.5	0.06	20.34	8.87	21.83	0.03	11.24	0.11	57.9	1	1	6,800	1.5	7	27.5	80	5
	11	7.7	0.08	21.38	12.28	23.32	0.03	11.48	0.15	61.4	1	1	5,400	1.5	5	27.5	80	5
	12	8.2	0.07	22.87	11.98	23.11	0.03	11.13	0.16	61.7	1	1	6,400	1.5	5	27.5	80	5
ESC-NNAB (Near-Pit)	1	9.7	0.07	26.38	14.71	30.83	0.03	16.14	0.18	82.3	1	1	5,300	1.5	15	27.5	80	5
	2	9.4	0.07	24.65	14.09	29.63	0.03	15.13	0.17	79.1	1	1	5,300	1.5	3	27.5	80	5
	3	10.0	0.09	25.83	15.23	30.52	0.03	15.97	0.17	80.6	1	1	6,100	1.5	3	27.5	80	5
	4	9.9	0.09	26.76	15.45	30.33	0.03	16.42	0.20	83.1	1	1	5,500	1.5	3	27.5	80	5
	5	10.2	0.09	26.68	15.50	30.51	0.03	16.39	0.18	83.6	1	1	5,400	1.5	11	27.5	80	5
	6	9.5	0.09	25.52	14.90	29.85	0.05	15.71	0.17	82.1	1	1	5,900	1.5	3	27.5	80	5
	7	9.6	0.07	24.95	13.63	28.67	0.03	15.29	0.16	79.6	1	1	6,200	1.5	3	27.5	80	5
	8	10.3	0.09	26.87	15.02	31.12	0.03	16.70	0.18	86.1	1	1	6,100	1.5	3	27.5	80	5
	9	10.0	0.09	26.19	15.61	30.83	0.05	16.11	0.19	80.5	1	1	5,300	1.5	3	27.5	80	5
	10	9.8	0.08	24.90	14.45	28.96	0.03	15.27	0.16	78.2	1	1	5,400	1.5	7	27.5	80	5
	11	10.1	0.08	27.05	15.45	32.51	0.05	16.59	0.18	86.0	1	1	4,500	1.5	3	27.5	80	5
	12	9.7	0.08	26.02	14.28	30.43	0.07	16.01	0.17	82.5	1	1	4,500	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	11.6	0.08	28.15	9.67	27.48	0.03	17.28	0.10	72.6	1	1	7,200	1.5	3	27.5	80	5
	2	7.2	0.09	30.45	7.97	32.47	0.07	19.13	0.07	73.8	1	1	8,400	1.5	3	27.5	80	5
	3	7.9	0.09	27.61	9.39	35.81	0.03	17.11	0.10	73.0	1	1	7,700	1.5	3	27.5	80	5
	4	7.5	0.08	25.37	9.13	24.71	0.03	15.63	0.11	68.6	1	1	8,300	1.5	3	27.5	80	5
	5	7.1	0.08	29.91	7.96	27.72	0.03	18.58	0.07	74.0	1	1	7,500	1.5	3	27.5	80	5
	6	7.9	0.08	26.37	10.13	26.22	0.03	16.35	0.14	72.3	1	1	7,400	1.5	3	27.5	80	5
	7	7.4	0.08	25.86	9.45	25.77	0.03	16.02	0.11	71.4	1	1	8,000	1.5	5	27.5	80	5
	8	6.9	0.09	28.73	7.76	27.94	0.03	17.92	0.08	70.7	1	1	8,500	1.5	3	27.5	80	5
	9	7.8	0.09	29.26	8.87	27.06	0.03	18.57	0.08	74.3	1	1	8,200	1.5	3	27.5	80	5
	10	7.9	0.09	26.25	10.63	27.40	0.03	16.39	0.13	75.0	1	1	7,200	1.5	5	27.5	80	5
	11	7.4	0.08	30.19	8.50	28.15	0.03	19.14	0.07	75.0	1	1	7,500	1.5	3	27.5	80	5
	12	7.2	0.08	30.65	8.41	28.03	0.03	19.42	0.07	75.3	1	1	7,300	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	11.5	0.08	30.19	14.01	33.87	0.03	18.78	0.15	86.5	1	1	6,900	1.5	5	27.5	80	5
	2	12.0	0.11	31.96	13.13	33.17	0.03	19.90	0.14	85.6	1	1	7,700	1.5	3	27.5	80	5
	3	10.7	0.10	28.56	13.38	30.81	0.03	17.82	0.16	82.7	1	1	7,000	1.5	3	27.5	80	5
	4	10.9	0.09	29.61	11.80	31.28	0.03	18.12	0.13	81.8	1	1	6,600	1.5	3	27.5	80	5
	5	10.8	0.08	28.00	14.27	31.50	0.03	17.46	0.16	84.9	1	1	6,600	1.5	6	27.5	80	5
	6	11.7	0.09	31.84	12.75	33.63	0.03	19.54	0.14	85.2	1	1	7,500	1.5	3	27.5	80	5
	7	12.1	0.10	31.32	12.00	32.85	0.03	19.22	0.12	82.8	1	1	6,700	1.5	3	27.5	80	5
	8	10.9	0.11	29.15	13.26	31.73	0.03	17.80	0.15	83.5	1	1	6,900	1.5	5	27.5	80	5
	9	10.8	0.09	28.53	11.92	30.65	0.10	17.43	0.14	81.8	1	1	6,300	1.5	3	27.5	80	5
	10	11.8	0.09	30.27	13.35	32.47	0.03	18.69	0.14	83.5	1	1	6,600	1.5	3	27.5	80	5
	11	12.6	0.12	32.12	12.04	32.96	0.03	19.73	0.11	82.4	1	1	7,100	1.5	3	27.5	80	5
	12	11.4	0.10	30.00	12.04	31.62	0.03	18.49	0.13	82.7	1	1	6,400	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	10.5	0.24	36.60	36.52	36.77	0.18	21.02	0.31	116.9	1	1	8,400	1.5	19	27.5	80	5
	2	7.2	0.12	32.72	15.43	27.59	0.03	20.71	0.38	88.4	1	1	8,000	1.5	3	27.5	80	5
	3	10.9	0.14	35.25	25.39	34.89	0.26	21.19	0.57	107.4	1	1	8,900	1.5	9	27.5	80	5
	4	10.6	0.15	37.34	27.92	35.33	0.10	22.36	0.67	114.4	1	1	8,500	1.5	7	27.5	80	5
	5	11.5	0.20	37.86	33.26	37.32	0.14	22.09	0.81	118.1	1	1	8,500	1.5	12	27.5	80	5
	6	7.0	0.14	34.57	15.90	28.86	0.05	21.86	0.41	92.1	1	1	7,600	1.5	9	27.5	80	5
	7	10.1	0.22	36.81	33.14	34.95	0.09	21.54	0.98	115.2	1	1	7,300	1.5	9	27.5	80	5
	8	9.1	0.18	36.31	29.66	33.13	0.06	21.03	0.89	107.8	1	1	8,500	1.5	7	27.5	80	5
	9	10.6	0.17	35.21	28.59	35.02	0.03	21.55	0.66	113.7	1	1	8,800	1.5	7	27.5	80	5
	10	9.9	0.17	35.66	28.77	33.63	0.06	21.22	0.76	107.6	1	1	7,400	1.5	6	27.5	80	5
	11	6.4	0.10	34.21	13.50	27.00	0.03	22.09	0.28	89.5	1	1	6,400	1.5	3	27.5	80	5
	12	10.5	0.22	36.36	32.23	36.33	0.12	21.18	0.24	122.1	1	1	8,400	1.5	10	27.5	80	5
ESC-NPAB (Active-Pit)	1	9.7	0.39	46.45	67.49	41.36	0.11	23.94	1.89	237.2	1	1	11,000	1.5	10	27.5	80	5
	2	10.1	0.37	46.51	69.94	41.55	0.12	24.48	1.86	233.3	1	1	10,000	1.5	12	27.5	80	5
	3	9.9	0.34	45.78	70.41	45.13	0.08	24.01	1.83	219.8	1	1	10,000	1.5	10	27.5	80	5
	4	10.0	0.34	46.38	76.77	44.98	0.10	24.39	1.91	257.0	1	1	10,000	1.5	11	27.5	80	5
	5	9.7	0.38	45.65	73.39	42.08	0.12	23.71	1.85	238.3	1	1	11,000	1.5	31	27.5	80	5
	6	10.4	0.38	46.48	75.74	44.51	0.08	24.49	1.86	248.6	1	1	10,000	1.5	7	27.5	80	5
	7	10.0	0.37	45.65	67.71	46.43	0.10	24.03	1.83	225.7	1	1	10,000	1.5	11	27.5	80	5
	8	9.6	0.47	44.51	69.88	45.61	0.14	23.02	1.86	224.8	1	1	11,000	1.5	8	27.5	80	5
	9	10.7	0.70	46.11	72.53	89.91	0.08	24.19	1.67	248.3	1	1	10,000	1.5	10	27.5	80	5
	10	9.9	0.38	45.89	65.50	41.60	0.09	23.98	1.95	212.5	1	1	11,000	1.5	5	27.5	80	5
	11	9.9	0.38	46.17	65.52	42.68	0.10	24.74	1.71	245.7	1	1	12,000	1.5	17	27.5	80	5
	12	9.9	0.42	46.60	65.67	55.87	0.17	24.11	1.86	216.1	1	1	11,000	1.5	10	27.5	80	5