

Pit Specific Sediment Chemistry for ESC CMP in February 2017

Working date : 24 February 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-NNAE (Near-Pit)	1	6.2	0.03	13.82	9.59	25.05	0.03	6.59	0.09	43.0	0.1	0.1	100	3	0.5	55.0	100	2
	2	6.2	0.05	42.42	12.70	20.28	0.03	7.30	0.12	48.7	1	1	3,200	1.5	3	27.5	80	5
	3	6.8	0.06	24.34	15.62	24.65	0.03	7.99	0.14	53.0	1	1	2,800	1.5	3	27.5	80	5
	4	5.2	0.03	15.18	12.80	18.09	0.03	6.71	0.10	44.7	1	1	2,400	1.5	3	27.5	80	5
	5	7.1	0.03	18.89	12.17	24.77	0.03	7.85	0.11	50.5	1	1	2,900	1.5	3	27.5	80	5
	6	6.2	0.06	15.81	13.96	20.62	0.03	7.61	0.14	51.2	1	1	2,200	1.5	3	27.5	80	5
	7	5.6	0.03	13.27	9.50	15.53	0.03	5.26	0.08	35.9	1	1	2,100	1.5	3	27.5	80	5
	8	6.4	0.05	15.45	10.66	20.83	0.03	6.66	0.11	45.9	1	1	3,700	1.5	3	27.5	80	5
	9	6.0	0.06	20.56	11.90	24.12	0.03	10.07	0.10	58.0	1	1	3,900	1.5	3	27.5	80	5
	10	6.5	0.05	20.15	12.94	22.73	0.03	7.92	0.12	49.8	1	1	2,400	1.5	3	27.5	80	5
	11	6.0	0.07	15.84	12.88	19.67	0.03	7.19	0.14	54.1	1	1	2,300	1.5	3	27.5	80	5
	12	6.1	0.06	18.04	15.12	21.11	0.03	9.49	0.16	54.6	1	1	3,200	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	8.7	0.06	22.63	22.67	26.92	0.03	13.67	0.17	70.2	1	1	5,000	1.5	3	27.5	80	5
	2	9.5	0.08	25.20	22.76	29.33	0.03	15.37	0.18	76.3	1	1	4,700	1.5	3	27.5	80	5
	3	9.7	0.07	24.65	21.68	28.77	0.03	14.89	0.18	74.2	1	1	4,000	1.5	3	27.5	80	5
	4	8.8	0.08	22.56	22.15	28.62	0.03	13.59	0.23	71.5	1	1	6,300	1.5	3	27.5	80	5
	5	8.9	0.08	22.16	20.42	27.33	0.03	13.27	0.17	73.4	1	1	4,900	1.5	3	27.5	80	5
	6	8.2	0.08	21.65	20.73	26.34	0.03	12.76	0.19	72.7	1	1	5,900	1.5	3	27.5	80	5
	7	8.5	0.07	21.47	20.32	25.52	0.03	12.81	0.19	71.4	1	1	5,800	1.5	3	27.5	80	5
	8	8.4	0.08	21.71	20.56	26.36	0.09	12.84	0.18	70.4	1	1	4,700	1.5	3	27.5	80	5
	9	10.0	0.10	25.75	21.98	29.08	0.03	15.39	0.17	75.3	1	1	5,100	1.5	3	27.5	80	5
	10	9.4	0.07	24.99	22.35	28.63	0.03	15.03	0.17	75.0	1	1	4,600	1.5	3	27.5	80	5
	11	7.9	0.07	19.84	19.57	25.99	0.03	11.94	0.17	67.7	1	1	4,900	1.5	3	27.5	80	5
	12	8.5	0.08	22.22	20.94	27.82	0.03	13.14	0.24	69.8	1	1	5,500	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	5.6	0.07	22.23	16.82	20.69	0.03	14.17	0.13	58.1	1	1	4,900	1.5	3	27.5	80	5
	2	5.8	0.07	24.27	12.94	22.18	0.03	15.24	0.09	61.9	1	1	3,800	1.5	3	27.5	80	5
	3	6.3	0.07	23.83	15.73	22.38	0.03	14.79	0.12	62.3	1	1	4,500	1.5	3	27.5	80	5
	4	6.9	0.10	26.10	30.81	22.84	0.03	17.95	0.28	70.9	1	1	3,300	1.5	3	27.5	80	5
	5	7.4	0.08	28.56	21.68	24.25	0.03	17.47	0.16	69.6	1	1	4,400	1.5	3	27.5	80	5
	6	6.5	0.07	24.66	15.72	22.57	0.03	15.40	0.10	63.8	1	1	4,000	1.5	3	27.5	80	5
	7	7.0	0.11	29.42	40.17	24.89	0.03	20.27	0.42	74.2	1	1	4,900	1.5	3	27.5	80	5
	8	6.6	0.09	24.07	13.97	23.93	0.03	14.68	0.10	66.0	1	1	4,400	1.5	3	27.5	80	5
	9	6.6	0.08	24.82	12.78	22.53	0.09	15.10	0.08	64.1	1	1	5,300	1.5	3	27.5	80	5
	10	7.1	0.09	23.94	12.44	22.46	0.03	14.46	0.08	61.5	1	1	3,700	1.5	3	27.5	80	5
	11	6.7	0.11	20.34	25.92	25.46	0.03	11.94	0.30	75.2	1	1	4,600	1.5	3	27.5	80	5
	12	6.3	0.11	23.29	13.76	22.47	0.03	14.29	0.10	62.6	1	1	4,400	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	9.4	0.08	23.16	17.20	26.88	0.03	13.53	0.12	70.8	1	1	4,700	1.5	3	27.5	80	5
	2	8.3	0.07	21.48	18.58	26.57	0.03	12.36	0.17	71.2	1	1	3,800	1.5	3	27.5	80	5
	3	8.4	0.06	21.26	22.28	25.42	0.07	12.27	0.16	71.2	1	1	4,800	1.5	3	27.5	80	5
	4	8.1	0.06	20.94	15.46	27.90	0.03	12.02	0.12	66.6	1	1	3,600	1.5	3	27.5	80	5
	5	8.2	0.07	22.13	20.00	25.94	0.06	12.62	0.17	71.4	1	1	4,300	1.5	3	27.5	80	5
	6	9.2	0.06	23.73	17.52	29.49	0.03	13.56	0.13	70.7	1	1	4,000	1.5	3	27.5	80	5
	7	9.5	0.07	22.22	21.76	27.07	0.06	12.60	0.21	73.0	1	1	3,500	1.5	3	27.5	80	5
	8	9.5	0.08	25.12	19.22	27.79	0.06	14.65	0.13	73.7	1	1	3,700	1.5	3	27.5	80	5
	9	8.9	0.07	22.29	18.33	25.89	0.07	12.75	0.15	68.5	1	1	3,500	1.5	3	27.5	80	5
	10	8.5	0.07	21.56	17.66	24.41	0.03	12.45	0.13	67.3	1	1	5,200	1.5	3	27.5	80	5
	11	7.9	0.07	22.20	20.81	29.18	0.09	12.62	0.18	72.3	1	1	5,000	1.5	3	27.5	80	5
	12	9.3	0.06	23.89	22.04	27.26	0.03	13.86	0.13	101.0	1	1	3,500	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	5.8	0.17	17.50	39.46	51.72	0.03	11.34	0.51	52.4	1	1	2,200	1.5	3	27.5	80	5
	2	6.2	0.21	21.37	51.72	22.90	0.11	13.88	0.69	59.7	1	1	3,700	1.5	3	27.5	80	5
	3	4.9	0.15	14.31	31.70	17.82	0.03	8.48	0.40	40.7	1	1	2,800	1.5	3	27.5	80	5
	4	5.7	0.15	14.46	34.11	21.02	0.03	9.47	0.39	45.3	1	1	2,700	1.5	3	27.5	80	5
	5	5.5	0.15	14.86	31.70	22.57	0.03	9.89	0.38	43.7	1	1	3,800	1.5	3	27.5	80	5
	6	5.4	0.19	20.33	48.19	35.43	0.06	13.61	0.54	58.5	1	1	2,800	1.5	3	27.5	80	5
	7	4.4	0.16	13.50	38.15	20.69	0.16	9.20	0.53	37.3	1	1	2,300	1.5	3	27.5	80	5
	8	3.6	0.18	11.77	35.92	18.68	0.10	9.08	0.45	48.9	1	1	3,400	1.5	3	27.5	80	5
	9	4.9	0.15	14.28	36.83	20.60	0.14	9.53	0.57	38.8	1	1	2,400	1.5	3	27.5	80	5
	10	4.5	0.19	12.75	31.74	18.86	0.06	8.93	0.41	35.5	1	1	3,600	1.5	3	27.5	80	5
	11	6.4	0.16	21.65	45.95	22.89	0.14	13.44	0.58	59.7	1	1	2,400	1.5	3	27.5	80	5
	12	6.0	0.17	21.45	49.03	22.75	0.08	14.13	0.97	62.9	1	1	2,400	1.5	3	27.5	80	5
ESC-NPAB (Active-Pit)	1	5.0	0.20	18.83	49.46	49.65	0.14	9.32	0.61	67.1	1	1	4,300	1.5	3	27.5	80	5
	2	4.7	0.19	19.46	57.53	24.84	0.08	9.08	0.69	63.2	1	1	3,900	1.5	3	27.5	80	5
	3	4.4	0.10	13.66	25.92	19.73	0.09	6.91	0.32	43.6	1	1	2,100	1.5	3	27.5	80	5
	4	5.0	0.16	15.75	42.63	24.12	0.11	8.34	0.57	53.6	1	1	3,600	1.5	3	27.5	80	5
	5	4.4	0.20	17.61	53.69	26.39	0.15	8.79	0.73	57.4	1	1	2,700	1.5	3	27.5	80	5
	6	5.3	0.17	18.46	43.73	23.70	0.14	9.60	0.51	60.7	1	1	3,300	1.5	3	27.5	80	5
	7	4.4	0.20	17.91	52.28	23.93	0.19	9.00	0.66	57.7	1	1	2,600	1.5	3	27.5	80	5
	8	5.0	0.15	18.79	46.68	26.48	0.09	9.70	0.57	59.1	1	1	2,900	1.5	3	27.5	80	5
	9	4.1	0.18	16.60	50.83	22.13	0.12	8.13	0.69	59.2	1	1	3,300	1.5	3	27.5	80	5
	10	5.5	0.21	19.78	48.79	41.40	0.29	10.24	0.60	74.7	1	1	2,800	1.5	3	27.5	80	5
	11	3.8	0.12	12.53	28.83	21.11	0.11	6.51	0.40	43.9	1	1	2,300	1.5	3	27.5	80	5
	12	4.6	0.17	14.91	34.93	39.91	0.25	7.72	0.44	64.7	1	1	3,900	1.5	3	27.5	80	5