

Pit Specific Sediment Chemistry for ESC CMP in June 2017

Working date : 16 June 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	mg/kg	ug/kg	ug/kg	mg/kg	ug/kg	ug TBT /kg	ug/kg	ug/kg	ng TBT /L
Replicate	0.5	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05	5	0.1	0.1	100	3	0.5	55.0	100	2
ESC-NNAA (Near-Pit)	1	7.1	0.07	14.80	16.25	26.47	0.13	11.36	0.17	44.5	1	1	3,600	1.5	5	27.5	80	5
	2	6.5	0.06	14.44	12.76	21.78	0.14	9.46	0.13	38.7	1	1	2,500	1.5	5	27.5	80	5
	3	7.0	0.07	14.89	22.16	25.30	0.03	10.88	0.14	43.7	1	1	2,600	1.5	5	27.5	80	5
	4	6.9	0.06	13.91	13.04	23.67	0.05	9.69	0.15	40.5	1	1	3,700	1.5	5	27.5	80	5
	5	7.9	0.08	17.54	16.91	27.79	0.09	12.90	0.16	48.3	1	1	3,300	1.5	5	27.5	80	5
	6	6.8	0.03	12.26	10.66	21.47	0.03	8.50	0.14	22.3	1	1	3,000	1.5	5	27.5	80	5
	7	6.2	0.06	13.81	12.02	21.73	0.03	8.80	0.11	35.3	1	1	3,100	1.5	5	27.5	80	5
	8	6.3	0.08	14.23	14.17	23.67	0.08	10.52	0.13	38.3	1	1	2,900	1.5	5	27.5	80	5
	9	6.4	0.05	12.87	13.46	24.79	0.03	9.55	0.12	36.2	1	1	3,300	1.5	5	27.5	80	5
	10	7.7	0.06	15.31	18.76	28.06	0.05	12.41	0.19	47.3	1	1	3,000	1.5	5	27.5	80	5
	11	6.4	0.06	13.47	15.61	21.72	0.03	9.54	0.14	47.7	1	1	2,200	1.5	5	27.5	80	5
	12	7.8	0.07	16.52	16.68	27.46	0.05	10.13	0.15	38.3	1	1	2,600	1.5	5	27.5	80	5
ESC-NNAB (Near-Pit)	1	8.4	0.08	16.34	20.09	36.21	0.09	15.06	0.18	49.9	1	1	5,800	1.5	5	27.5	80	5
	2	8.5	0.09	17.41	21.86	29.15	0.07	15.71	0.19	52.5	1	1	5,900	1.5	5	27.5	80	5
	3	8.2	0.07	16.73	18.93	26.82	0.10	14.78	0.18	52.6	1	1	5,000	1.5	5	27.5	80	5
	4	8.6	0.07	18.08	21.60	30.02	0.05	16.38	0.18	54.9	1	1	5,600	1.5	5	27.5	80	5
	5	8.9	0.10	17.85	20.39	29.92	0.11	16.10	0.19	51.7	1	1	4,900	1.5	5	27.5	80	5
	6	10.0	0.09	19.26	21.68	33.08	0.07	17.55	0.18	57.3	1	1	5,400	1.5	5	27.5	80	5
	7	9.5	0.08	18.68	20.51	30.81	0.13	16.89	0.18	54.4	1	1	5,500	1.5	5	27.5	80	5
	8	8.0	0.07	16.30	19.47	28.82	0.06	14.91	0.16	51.0	1	1	6,200	1.5	5	27.5	80	5
	9	7.9	0.08	16.84	20.30	27.65	0.06	15.02	0.17	51.0	1	1	6,200	1.5	5	27.5	80	5
	10	8.6	0.07	16.98	19.84	29.48	0.12	16.00	0.16	52.3	1	1	5,800	1.5	5	27.5	80	5
	11	8.6	0.06	17.03	20.37	28.72	0.12	14.71	0.18	56.8	1	1	6,000	1.5	5	27.5	80	5
	12	8.5	0.06	17.37	19.35	29.82	0.06	15.28	0.19	54.1	1	1	5,700	1.5	5	27.5	80	5
ESC-NEAA (Pit-Edge)	1	8.9	0.08	18.40	15.56	27.47	0.03	16.27	0.14	51.4	1	1	5,700	1.5	5	27.5	80	5
	2	7.6	0.09	19.87	21.70	29.74	0.11	17.62	0.23	59.9	1	1	7,200	1.5	5	27.5	80	5
	3	6.0	0.08	16.68	14.85	24.36	0.16	14.63	0.15	45.2	1	1	6,800	1.5	5	27.5	80	5
	4	6.6	0.08	16.96	16.93	26.63	0.13	16.38	0.16	47.8	1	1	7,000	1.5	5	27.5	80	5
	5	7.0	0.08	17.90	18.15	30.78	0.07	16.31	0.16	50.5	1	1	7,100	1.5	5	27.5	80	5
	6	7.0	0.09	19.77	17.01	32.23	0.09	17.42	0.16	56.1	1	1	5,500	1.5	5	27.5	80	5
	7	9.5	0.09	19.06	16.43	52.22	0.10	15.85	0.16	51.6	1	1	5,900	1.5	5	27.5	80	5
	8	6.9	0.08	19.80	14.90	26.71	0.08	16.76	0.13	52.2	1	1	6,900	1.5	5	27.5	80	5
	9	6.8	0.08	19.78	16.61	28.61	0.05	18.63	0.13	55.2	1	1	7,300	1.5	5	27.5	80	5
	10	7.3	0.10	18.25	20.32	27.72	0.07	16.81	0.21	55.0	1	1	6,700	1.5	5	27.5	80	5
	11	6.4	0.10	18.91	17.23	27.45	0.13	16.95	0.16	52.9	1	1	7,700	1.5	5	27.5	80	5
	12	8.7	0.09	22.36	20.74	30.07	0.07	18.46	0.19	60.4	1	1	7,400	1.5	5	27.5	80	5
ESC-NEAB (Pit-Edge)	1	8.1	0.07	18.58	18.95	29.39	0.06	17.14	0.14	52.2	1	1	5,200	1.5	5	27.5	80	5
	2	8.1	0.05	16.27	17.61	29.26	0.15	14.23	0.15	54.6	1	1	5,200	1.5	5	27.5	80	5
	3	8.6	0.09	17.89	18.55	30.18	0.11	15.83	0.15	56.4	1	1	6,800	1.5	5	27.5	80	5
	4	8.4	0.07	16.92	18.90	28.79	0.12	14.96	0.16	59.6	1	1	5,400	1.5	5	27.5	80	5
	5	8.0	0.07	16.72	18.62	28.76	0.16	14.69	0.15	56.6	1	1	5,700	1.5	5	27.5	80	5
	6	8.2	0.06	17.04	19.46	29.66	0.09	14.93	0.15	59.5	1	1	5,000	1.5	5	27.5	80	5
	7	8.0	0.05	16.56	17.87	29.71	0.10	14.28	0.15	58.9	1	1	5,700	1.5	5	27.5	80	5
	8	9.0	0.07	18.27	21.39	31.60	0.07	16.24	0.17	61.0	1	1	5,500	1.5	5	27.5	80	5
	9	8.1	0.06	16.94	19.14	27.94	0.07	14.62	0.15	59.2	1	1	5,600	1.5	5	27.5	80	5
	10	8.5	0.08	16.90	19.73	29.13	0.11	15.94	0.16	59.3	1	1	5,800	1.5	5	27.5	80	5
	11	8.1	0.07	16.32	18.88	27.52	0.08	13.98	0.18	53.5	1	1	5,200	1.5	5	27.5	80	5
	12	7.6	0.07	15.48	16.81	27.98	0.14	12.88	0.14	53.2	1	1	5,200	1.5	5	27.5	80	5
ESC-NPAA (Active-Pit)	1	6.8	0.23	23.70	43.30	33.05	0.30	19.78	0.81	71.5	1	1	6,900	1.5	5	27.5	80	5
	2	6.2	0.15	21.88	28.84	27.84	0.09	19.86	0.60	60.6	1	1	6,100	1.5	5	27.5	80	5
	3	5.8	0.13	21.32	24.35	26.20	0.16	19.91	0.55	55.8	1	1	6,900	1.5	5	27.5	80	5
	4	6.2	0.11	20.13	23.46	25.06	0.08	18.73	0.45	53.3	1	1	6,700	1.5	5	27.5	80	5
	5	6.7	0.16	21.88	34.03	28.11	0.13	18.74	0.80	65.6	1	1	7,200	1.5	5	27.5	80	5
	6	6.7	0.18	22.92	33.92	30.11	0.14	19.84	0.87	66.3	1	1	6,600	1.5	5	27.5	80	5
	7	6.4	0.19	22.17	35.14	28.79	0.12	19.32	0.88	65.6	1	1	7,100	1.5	5	27.5	80	5
	8	5.5	0.15	21.62	24.49	27.23	0.09	20.36	0.43	58.3	1	1	7,100	1.5	5	27.5	80	5
	9	6.9	0.22	23.88	44.70	31.96	0.27	19.26	0.87	77.3	1	1	6,700	1.5	5	27.5	80	5
	10	5.4	0.15	19.56	25.33	24.87	0.08	17.76	0.53	54.1	1	1	7,100	1.5	5	27.5	80	5
	11	5.8	0.15	23.86	25.52	29.24	0.07	22.17	0.50	62.3	1	1	6,700	1.5	5	27.5	80	5
	12	6.2	0.17	19.38	37.00	28.48	0.11	15.80	0.85	66.0	1	1	7,400	1.5	5	27.5	80	5
ESC-NPAB (Active-Pit)	1	6.9	0.22	21.00	40.47	34.46	0.12	17.41	0.42	70.4	1	1	5,500	1.5	5	27.5	80	5
	2	5.2	0.07	19.70	10.40	22.58	0.08	19.43	0.07	42.7	1	1	5,100	1.5	5	27.5	80	5
	3	5.2	0.06	18.35	10.76	23.43	0.10	19.91	0.07	40.4	1	1	5,100	1.5	5	27.5	80	5
	4	6.5	0.21	21.16	39.44	30.05	0.24	16.81	0.85	72.0	1	1	5,000	1.5	5	27.5	80	5
	5	5.8	0.17	18.83	29.20	39.37	0.10	15.90	0.58	57.5	1	1	6,100	1.5	5	27.5	80	5
	6	9.3	0.12	20.34	26.47	32.04	0.13	18.21	0.45	55.6	1	1	5,600	1.5	5	27.5	80	5
	7	6.1	0.15	19.56	31.64	29.03	0.18	17.34	0.62	58.7	1	1	6,500	1.5	5	27.5	80	5
	8	8.2	0.15	19.78	31.10	37.69												