

Pit Specific Sediment Chemistry for ESC CMP in March 2017

Working date : 17 March 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	0.5	0.02	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	3.9	0.03	13.76	8.82	29.14	0.11	8.52	0.11	52.9	1	1	3,200	1.5	9	27.5	80	5
	2	3.4	0.03	12.81	7.83	27.09	0.08	7.51	0.10	49.0	1	1	2,400	1.5	3	27.5	80	5
	3	5.4	0.09	22.59	17.02	32.35	0.03	9.42	0.19	58.6	1	1	3,400	1.5	3	27.5	80	5
	4	3.9	0.06	24.35	16.82	29.63	0.03	9.21	0.17	56.6	1	1	3,100	1.5	5	27.5	80	5
	5	4.7	0.07	17.99	15.43	28.86	0.03	9.29	0.16	54.7	1	1	2,900	1.5	12	27.5	80	5
	6	3.7	0.03	12.45	7.53	28.67	0.09	7.57	0.10	49.0	1	1	2,500	1.5	3	27.5	80	5
	7	5.2	0.05	19.30	10.97	31.28	0.03	9.45	0.13	51.6	1	1	4,000	1.5	3	27.5	80	5
	8	4.3	0.10	18.05	16.53	32.88	0.03	10.38	0.19	60.6	1	1	3,900	1.5	10	27.5	80	5
	9	3.6	0.03	17.35	14.00	28.22	0.03	9.03	0.11	50.4	1	1	2,800	1.5	5	27.5	80	5
	10	3.9	0.03	14.08	8.36	30.98	0.03	8.19	0.11	51.0	1	1	2,400	1.5	3	27.5	80	5
	11	3.6	0.03	13.98	9.27	31.52	0.06	8.33	0.11	54.0	1	1	2,500	1.5	3	27.5	80	5
	12	4.2	0.07	17.34	16.48	30.22	0.08	8.96	0.16	52.6	1	1	2,500	1.5	5	27.5	80	5
ESC-NNAB (Near-Pit)	1	6.6	0.07	20.34	20.21	38.41	0.03	13.24	0.18	70.8	1	1	5,200	1.5	3	27.5	80	5
	2	6.7	0.06	20.18	19.53	38.54	0.06	13.02	0.19	70.3	1	1	6,000	1.5	3	27.5	80	5
	3	7.8	0.09	20.88	24.73	40.57	0.07	13.65	0.19	88.5	1	1	4,200	1.5	3	27.5	80	5
	4	7.1	0.07	20.27	19.35	38.76	0.03	13.22	0.16	69.8	1	1	4,300	1.5	7	27.5	80	5
	5	6.6	0.06	18.17	16.95	35.64	0.03	11.71	0.16	63.1	1	1	4,700	1.5	9	27.5	80	5
	6	6.6	0.07	18.55	18.41	36.29	0.03	11.96	0.17	62.9	1	1	5,700	1.5	6	27.5	80	5
	7	7.2	0.07	21.02	20.16	39.83	0.08	13.61	0.20	72.4	1	1	6,000	1.5	3	27.5	80	5
	8	5.9	0.07	18.43	17.78	35.04	0.05	11.85	0.23	64.6	1	1	6,200	1.5	6	27.5	80	5
	9	6.7	0.08	20.03	25.75	42.79	0.03	13.37	0.19	70.6	1	1	5,800	1.5	3	27.5	80	5
	10	6.3	0.08	20.20	18.69	55.24	0.03	12.84	0.19	67.7	1	1	6,200	1.5	3	27.5	80	5
	11	6.0	0.07	20.31	19.12	39.27	0.03	12.95	0.20	68.3	1	1	4,700	1.5	3	27.5	80	5
	12	6.5	0.06	20.51	19.23	39.51	0.05	12.80	0.20	69.7	1	1	5,600	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	4.5	0.09	22.13	14.29	37.58	0.03	11.59	0.16	59.4	1	1	4,300	1.5	3	27.5	80	5
	2	3.2	0.06	21.27	14.24	44.04	0.03	13.42	0.16	58.2	1	1	4,000	1.5	3	27.5	80	5
	3	6.4	0.21	33.35	13.48	37.07	0.09	22.36	0.19	79.6	1	1	5,200	1.5	7	27.5	80	5
	4	4.3	0.06	22.43	12.34	34.32	0.03	9.72	0.14	51.7	1	1	4,000	1.5	3	27.5	80	5
	5	5.1	0.10	19.75	16.67	37.22	0.06	11.38	0.18	61.9	1	1	5,100	1.5	3	27.5	80	5
	6	5.3	0.08	20.63	15.77	36.51	0.03	11.57	0.16	61.3	1	1	5,700	1.5	6	27.5	80	5
	7	7.7	0.09	23.48	22.46	41.91	0.08	13.15	0.20	73.9	1	1	3,700	1.5	3	27.5	80	5
	8	4.6	0.09	19.23	16.50	40.20	0.08	12.03	0.24	59.7	1	1	5,500	1.5	3	27.5	80	5
	9	5.2	0.07	18.61	19.49	35.58	0.03	11.60	0.24	56.3	1	1	4,400	1.5	3	27.5	80	5
	10	4.4	0.07	21.71	12.58	39.79	0.03	10.29	0.13	57.3	1	1	5,100	1.5	3	27.5	80	5
	11	12.5	0.06	19.32	17.94	37.88	0.03	11.25	0.15	60.2	1	1	4,900	1.5	3	27.5	80	5
	12	4.6	0.08	20.16	17.20	44.49	0.11	12.42	0.19	58.8	1	1	4,100	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	5.9	0.07	19.87	16.48	41.26	0.07	12.49	0.15	68.5	1	1	4,900	1.5	3	27.5	80	5
	2	5.7	0.07	18.55	15.78	41.75	0.03	11.85	0.16	68.0	1	1	5,700	1.5	3	27.5	80	5
	3	5.5	0.06	19.15	15.94	42.56	0.07	12.09	0.17	69.8	1	1	3,900	1.5	3	27.5	80	5
	4	5.9	0.06	19.91	16.45	43.70	0.03	12.37	0.16	68.6	1	1	5,600	1.5	3	27.5	80	5
	5	6.3	0.07	20.93	17.46	43.11	0.03	13.23	0.16	67.5	1	1	6,000	1.5	3	27.5	80	5
	6	6.1	0.07	20.35	14.60	42.20	0.03	12.55	0.12	63.6	1	1	5,500	1.5	3	27.5	80	5
	7	6.4	0.08	22.03	22.90	45.03	0.03	13.42	0.15	71.7	1	1	5,800	1.5	3	27.5	80	5
	8	5.8	0.06	19.30	15.41	55.18	0.03	12.00	0.14	64.8	1	1	4,300	1.5	3	27.5	80	5
	9	5.5	0.08	19.91	15.70	43.37	0.03	12.26	0.14	67.0	1	1	4,600	1.5	3	27.5	80	5
	10	5.5	0.08	17.73	17.57	64.27	0.03	10.48	0.16	61.1	1	1	5,700	1.5	3	27.5	80	5
	11	5.8	0.08	19.62	16.53	43.44	0.20	11.84	0.14	66.4	1	1	4,800	1.5	3	27.5	80	5
	12	4.7	0.05	16.74	13.58	39.52	0.03	9.96	0.13	62.6	1	1	3,100	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	3.9	0.28	22.97	37.34	44.40	0.13	11.84	0.96	64.7	1	1	2,500	1.5	12	27.5	80	5
	2	3.1	0.16	11.78	37.64	28.94	0.03	7.74	0.51	38.3	1	1	2,000	1.5	9	27.5	80	5
	3	3.5	0.24	19.78	35.34	38.48	0.16	12.11	0.91	56.7	1	1	3,900	1.5	3	27.5	80	5
	4	3.7	0.29	15.09	52.76	34.00	0.10	8.34	0.65	51.2	1	1	3,000	1.5	3	27.5	80	5
	5	3.3	0.17	13.37	40.66	35.13	0.09	9.70	0.59	49.7	1	1	4,300	1.5	3	27.5	80	5
	6	3.5	0.19	13.81	38.04	29.84	0.03	9.10	0.54	43.4	1	1	3,100	1.5	3	27.5	80	5
	7	2.6	0.17	14.83	46.42	34.17	0.11	9.71	0.77	46.9	1	1	4,200	1.5	3	27.5	80	5
	8	2.6	0.10	9.49	28.65	27.59	0.03	6.22	0.45	34.1	1	1	2,500	1.5	3	27.5	80	5
	9	3.3	0.13	12.02	32.98	31.79	0.03	7.74	0.56	38.4	1	1	2,800	1.5	3	27.5	80	5
	10	3.8	0.20	13.09	38.36	32.91	0.03	9.69	0.60	45.5	1	1	2,600	1.5	3	27.5	80	5
	11	3.9	0.17	12.66	33.15	35.99	0.03	8.68	0.62	48.7	1	1	3,500	1.5	3	27.5	80	5
	12	2.9	0.16	12.12	37.17	35.87	0.10	8.37	0.86	42.5	1	1	3,100	1.5	3	27.5	80	5
ESC-NPAB (Active-Pit)	1	1.9	0.05	12.38	17.68	25.46	0.08	7.70	0.13	37.8	1	1	3,100	1.5	3	27.5	80	5
	2	1.9	0.09	10.75	20.31	28.50	0.18	5.38	0.25	35.6	1	1	2,900	1.5	3	27.5	80	5
	3	1.5	0.06	14.27	11.21	29.31	0.03	8.78	0.11	39.3	1	1	2,600	1.5	3	27.5	80	5
	4	2.1	0.07	14.57	15.91	27.82	0.03	8.26	0.20	43.3	1	1	4,000	1.5	3	27.5	80	5
	5	2.3	0.14	14.15	26.55	32.70	0.77	6.17	0.40	52.2	1	1	3,500	1.5	3	27.5	80	5
	6	1.7	0.05	13.81	11.48	26.33	0.03	8.59	0.11	37.5	1	1	3,900	1.5	3	27.5	80	5
	7	3.3	0.13	15.12	31.30	43.03	0.28	6.95	0.41	59.0	1	1	3,300	1.5	3	27.5	80	5
	8	1.8	0.07	12.40	20.09	26.29	0.16	6.08	0.									