

Pit Specific Sediment Chemistry for ESC CMP in April 2017

Working date : 13 April 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	7.2	0.09	16.62	13.19	28.44	0.08	10.35	0.21	48.9	1	1	3,700	1.5	3	27.5	80	5
	2	6.2	0.03	12.36	9.04	22.90	0.03	8.66	0.12	35.4	1	1	2,500	1.5	3	27.5	80	5
	3	6.7	0.05	14.13	9.51	23.12	0.03	8.50	0.14	40.1	1	1	2,700	1.5	6	27.5	80	5
	4	5.7	0.06	13.47	10.27	21.44	0.03	8.23	0.14	37.5	1	1	4,100	1.5	3	27.5	80	5
	5	6.9	0.06	13.98	11.39	23.89	0.03	9.62	0.19	43.7	1	1	2,900	1.5	3	27.5	80	5
	6	5.1	0.03	12.27	7.57	19.13	0.03	7.75	0.10	28.5	1	1	2,000	1.5	3	27.5	80	5
	7	6.9	0.06	13.40	10.20	23.90	0.03	8.83	0.21	39.4	1	1	2,000	1.5	3	27.5	80	5
	8	6.8	0.07	15.04	11.00	28.03	0.03	10.25	0.20	41.7	1	1	3,800	1.5	3	27.5	80	5
	9	6.5	0.05	15.47	8.29	20.53	0.03	9.12	0.11	35.1	1	1	4,600	1.5	3	27.5	80	5
	10	6.1	0.07	12.44	10.01	22.49	0.03	8.91	0.14	39.0	1	1	2,500	1.5	3	27.5	80	5
	11	7.5	0.07	16.04	11.25	23.82	0.06	8.87	0.20	39.5	1	1	3,600	1.5	3	27.5	80	5
	12	6.6	0.06	14.26	10.10	22.98	0.03	9.35	0.16	41.9	1	1	2,500	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	7.6	0.06	14.45	13.57	26.51	0.03	11.91	0.18	47.9	1	1	3,600	1.5	6	27.5	80	5
	2	7.6	0.05	14.15	12.46	26.37	0.03	11.82	0.16	50.8	1	1	5,300	1.5	25	27.5	80	5
	3	7.4	0.03	14.30	12.63	26.55	0.03	11.44	0.18	47.8	1	1	3,800	1.5	6	27.5	80	5
	4	7.6	0.03	14.67	12.95	25.84	0.03	12.27	0.16	50.3	1	1	3,900	1.5	3	27.5	80	5
	5	8.6	0.05	13.50	11.89	24.19	0.03	12.18	0.17	44.3	1	1	3,600	1.5	3	27.5	80	5
	6	7.3	0.03	13.64	12.07	25.39	0.03	11.16	0.15	46.8	1	1	3,700	1.5	8	27.5	80	5
	7	7.4	0.07	14.76	13.17	25.62	0.03	11.90	0.16	48.9	1	1	3,400	1.5	3	27.5	80	5
	8	7.9	0.06	15.53	13.62	26.28	0.03	12.57	0.16	51.6	1	1	3,900	1.5	5	27.5	80	5
	9	7.4	0.06	14.12	13.48	25.87	0.03	12.18	0.20	46.9	1	1	2,800	1.5	3	27.5	80	5
	10	7.6	0.05	15.09	14.64	27.27	0.09	12.42	0.19	51.0	1	1	4,900	1.5	3	27.5	80	5
	11	7.7	0.06	15.14	13.48	28.04	0.03	12.81	0.18	50.3	1	1	4,500	1.5	21	27.5	80	5
	12	8.2	0.06	14.84	13.11	27.73	0.07	12.50	0.18	50.1	1	1	2,700	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	8.1	0.12	16.54	20.99	28.27	0.03	12.58	0.41	51.8	1	1	4,700	1.5	5	27.5	80	5
	2	7.0	0.08	15.66	12.74	26.12	0.08	10.53	0.15	41.3	1	1	3,500	1.5	3	27.5	80	5
	3	7.1	0.10	15.04	13.42	27.19	0.03	11.76	0.23	45.6	1	1	2,000	1.5	3	27.5	80	5
	4	6.8	0.09	15.05	14.08	28.74	0.11	11.81	0.24	48.5	1	1	3,000	1.5	10	27.5	80	5
	5	6.5	0.07	13.66	10.46	23.42	0.03	10.74	0.12	36.4	1	1	4,600	1.5	6	27.5	80	5
	6	7.7	0.10	16.78	15.04	30.74	0.19	13.11	0.23	53.4	1	1	3,100	1.5	3	27.5	80	5
	7	7.0	0.11	15.89	13.29	27.79	0.17	12.55	0.16	42.0	1	1	2,900	1.5	8	27.5	80	5
	8	7.0	0.06	15.86	13.67	24.77	0.11	10.51	0.17	39.8	1	1	3,800	1.5	3	27.5	80	5
	9	7.0	0.07	14.22	11.30	25.01	0.03	10.70	0.15	38.4	1	1	2,900	1.5	3	27.5	80	5
	10	6.6	0.09	14.82	13.12	28.43	0.07	10.51	0.17	43.5	1	1	3,300	1.5	3	27.5	80	5
	11	8.5	0.08	14.82	13.35	26.28	0.03	11.38	0.18	46.2	1	1	5,900	1.5	7	27.5	80	5
	12	7.0	0.12	15.16	13.72	26.69	0.03	11.45	0.24	56.8	1	1	3,300	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	8.5	0.06	15.91	13.06	28.88	0.03	14.12	0.16	50.0	1	1	4,500	1.5	3	27.5	80	5
	2	8.4	0.07	15.41	13.10	28.40	0.06	14.34	0.16	48.6	1	1	6,100	1.5	3	27.5	80	5
	3	7.6	0.06	13.99	11.41	26.62	0.07	12.33	0.14	47.1	1	1	3,100	1.5	3	27.5	80	5
	4	9.1	0.07	16.63	13.63	29.27	0.06	14.32	0.17	51.7	1	1	4,100	1.5	3	27.5	80	5
	5	7.6	0.07	15.95	13.22	27.64	0.08	12.93	0.16	50.4	1	1	4,700	1.5	3	27.5	80	5
	6	7.9	0.07	15.80	12.49	27.89	0.06	14.59	0.16	48.3	1	1	4,400	1.5	3	27.5	80	5
	7	8.1	0.07	16.65	13.28	28.95	0.10	15.20	0.16	49.9	1	1	5,500	1.5	3	27.5	80	5
	8	8.1	0.07	15.08	12.17	28.98	0.05	14.58	0.20	47.0	1	1	7,500	1.5	3	27.5	80	5
	9	8.8	0.05	17.03	13.81	31.01	0.03	15.76	0.19	52.7	1	1	6,700	1.5	3	27.5	80	5
	10	8.6	0.06	16.98	13.47	29.70	0.07	15.68	0.18	51.5	1	1	5,100	1.5	3	27.5	80	5
	11	8.4	0.07	16.89	13.26	29.95	0.11	15.75	0.25	49.4	1	1	4,500	1.5	3	27.5	80	5
	12	8.8	0.06	16.59	13.04	29.21	0.03	15.93	0.16	50.5	1	1	4,000	1.5	7	27.5	80	5
ESC-NPAA (Active-Pit)	1	6.9	0.23	19.90	38.22	34.65	0.07	17.46	0.88	74.0	1	1	6,800	1.5	10	27.5	80	5
	2	5.2	0.18	15.66	33.47	34.43	0.11	13.30	0.81	66.8	1	1	4,600	1.5	11	27.5	80	5
	3	6.0	0.25	16.87	37.39	39.15	0.06	13.36	0.96	106.9	1	1	5,800	1.5	16	27.5	80	5
	4	6.7	0.37	21.68	55.15	33.08	0.14	19.32	0.46	110.7	1	1	5,500	1.5	21	27.5	80	5
	5	5.3	0.21	13.79	24.22	25.30	0.09	10.48	0.51	69.6	1	1	4,100	1.5	30	27.5	80	5
	6	5.4	0.37	12.77	55.87	29.68	0.13	10.51	0.79	95.6	1	1	7,200	1.5	10	27.5	80	5
	7	5.6	0.25	13.85	32.83	52.90	0.08	10.95	0.72	75.6	1	1	4,200	1.5	11	27.5	80	5
	8	6.8	0.21	16.64	32.63	51.24	0.15	21.11	0.90	72.7	1	1	3,600	1.5	13	27.5	80	5
	9	8.1	0.27	15.81	46.40	36.09	0.03	13.16	0.65	63.7	1	1	3,300	1.5	13	27.5	80	5
	10	4.4	0.13	12.54	25.60	29.46	0.10	9.61	0.75	54.5	1	1	2,500	1.5	7	27.5	80	5
	11	5.7	0.21	17.20	39.94	49.60	0.22	13.65	0.89	78.1	1	1	5,500	1.5	16	27.5	80	5
	12	3.7	0.15	11.77	28.96	28.51	0.03	9.87	0.78	68.7	1	1	4,300	1.5	8	27.5	80	5
ESC-NPAB (Active-Pit)	1	3.3	0.06	7.98	12.18	14.04	0.03	5.80	0.22	25.7	1	1	3,800	1.5	5	27.5	80	5
	2	3.1	0.06	7.93	12.57	14.09	0.03	5.70	0.20	26.1	1	1	3,000	1.5	3	27.5	80	5
	3	2.9	0.06	7.77	11.61	12.66	0.09	5.44	0.16	24.2	1	1	3,200	1.5	3	27.5	80	5
	4	3.6	0.10	11.29	26.28	17.10	0.09	7.32	0.36	34.3	1	1	4,400	1.5	5	27.5	80	5
	5	5.3	0.07	13.44	22.14	21.61	0.03	10.36	0.41	44.0	1	1	4,900	1.5	6	27.5	80	5
	6	4.3	0.09	10.87	19.96	16.64	0.03	7.85	0.25	34.5	1	1	4,400	1.5	3	27.5	80	5
	7	3.1	0.03	7.82	13.24	12.20	0.05	5.81	0.21	25.6	1	1	3,900	1.5	3	27.5	80	5
	8	2.9	0.05	7.10	10.59	11.59	0.											