

Pit Specific Sediment Chemistry for ESC CMP in May 2016

Working date : 6 May 2016		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs	TBT
Sampling Station	Replicate	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
ESC-NNAA (Near-Pit)	1	3.6	0.03	17.75	7.70	20.12	0.33	9.17	0.03	44.2	1	1	3900	1.5	2.5	27.5	50	5
	2	7.1	0.07	22.03	10.09	28.93	0.42	12.57	0.06	56.6	1	1	6500	1.5	2.5	27.5	50	5
	3	3.9	0.06	15.00	7.60	18.18	0.25	7.97	0.08	40.9	1	1	5100	1.5	2.5	27.5	50	5
	4	3.7	0.06	18.57	8.00	21.78	0.39	10.46	0.06	46.8	1	1	4200	1.5	2.5	27.5	50	5
	5	5.3	0.05	45.94	8.92	26.79	0.26	11.60	0.03	54.7	1	1	4200	1.5	2.5	27.5	50	5
	6	4.8	0.03	17.85	7.09	61.64	0.44	8.34	0.06	42.4	1	1	3500	1.5	2.5	27.5	50	5
	7	4.3	0.05	18.50	9.00	21.13	0.25	9.25	0.05	48.4	1	1	3900	1.5	2.5	27.5	50	5
	8	4.3	0.07	19.71	9.20	23.03	0.25	11.51	0.06	51.9	1	1	5200	1.5	2.5	27.5	50	5
	9	5.0	0.05	21.44	7.74	18.24	0.44	8.97	0.07	43.3	1	1	5900	1.5	2.5	27.5	50	5
	10	4.3	0.07	21.17	7.93	22.60	0.30	11.29	0.05	48.3	1	1	4200	1.5	2.5	27.5	50	5
	11	4.6	0.06	17.10	8.88	20.86	0.22	8.54	0.09	44.9	1	1	5800	1.5	2.5	27.5	50	5
	12	5.8	0.06	15.30	8.11	25.58	0.23	8.54	0.07	42.7	1	1	4900	1.5	2.5	27.5	50	5
ESC-NNAB (Near-Pit)	1	7.5	0.10	24.88	21.02	28.54	0.43	16.04	0.14	73.8	1	1	7000	1.5	2.5	27.5	50	5
	2	6.0	0.07	22.25	21.17	26.23	0.15	14.41	0.16	73.5	1	1	6200	1.5	2.5	27.5	50	5
	3	7.9	0.09	24.17	21.13	27.59	0.28	15.54	0.15	72.2	1	1	6900	1.5	2.5	27.5	50	5
	4	6.5	0.09	22.20	21.17	25.78	0.39	14.20	0.15	71.8	1	1	6500	1.5	2.5	27.5	50	5
	5	6.9	0.07	22.98	19.74	26.58	0.23	14.91	0.13	71.9	1	1	6800	1.5	2.5	27.5	50	5
	6	7.1	0.10	24.65	20.47	28.28	0.36	15.85	0.16	73.7	1	1	7100	1.5	2.5	27.5	50	5
	7	7.0	0.08	22.49	20.55	26.12	0.41	14.47	0.14	71.6	1	1	8200	1.5	6	27.5	50	5
	8	7.0	0.09	24.84	20.96	28.45	0.24	15.64	0.17	73.8	1	1	7600	1.5	2.5	27.5	50	5
	9	6.9	0.09	22.69	20.56	25.65	0.29	14.28	0.16	69.5	1	1	8700	1.5	7	27.5	50	5
	10	6.1	0.08	23.42	18.66	33.97	0.22	13.71	0.18	69.4	1	1	8500	1.5	2.5	27.5	50	5
	11	7.2	0.09	23.79	21.09	28.97	0.33	15.52	0.15	78.1	1	1	7000	1.5	2.5	27.5	50	5
	12	7.2	0.09	22.18	20.54	25.66	0.17	14.39	0.17	71.4	1	1	7400	1.5	2.5	27.5	50	5
ESC-NEAA (Pit-Edge)	1	5.3	0.19	24.67	31.90	29.73	0.34	13.79	0.29	87.5	1	1	5400	1.5	6	27.5	50	5
	2	4.6	0.19	26.60	40.19	27.82	0.35	14.39	0.26	94.2	1	1	5000	1.5	9	27.5	50	5
	3	4.8	0.23	24.32	34.70	26.52	0.32	13.58	0.29	87.4	1	1	5900	1.5	2.5	27.5	50	5
	4	5.6	0.15	22.81	25.35	34.96	0.19	13.57	0.20	75.9	1	1	5900	1.5	2.5	27.5	50	5
	5	5.0	0.15	24.65	29.82	26.73	0.13	14.36	0.25	84.2	1	1	6800	1.5	6	27.5	50	5
	6	5.4	0.18	24.50	31.08	32.88	0.50	14.00	0.24	88.7	1	1	6800	1.5	6	27.5	50	5
	7	4.4	0.13	21.88	18.52	22.20	0.45	13.44	0.13	65.7	1	1	7100	1.5	2.5	27.5	50	5
	8	4.9	0.12	25.35	16.50	25.56	0.32	16.29	0.10	73.0	1	1	7000	1.5	2.5	27.5	50	5
	9	4.8	0.19	24.36	27.29	30.54	0.13	14.35	0.23	87.8	1	1	6100	1.5	8	27.5	50	5
	10	24.2	0.13	25.17	19.17	24.63	0.15	16.07	0.17	75.2	1	1	7900	1.5	2.5	27.5	50	5
	11	4.3	0.11	20.28	21.01	21.89	0.17	12.13	0.17	66.4	1	1	7500	1.5	2.5	27.5	50	5
	12	10.5	0.17	25.85	30.97	28.26	0.16	12.64	0.26	81.4	1	1	7400	1.5	2.5	27.5	50	5
ESC-NEAB (Pit-Edge)	1	5.5	0.08	22.57	20.04	27.66	0.21	13.77	0.16	81.2	1	1	6600	1.5	2.5	27.5	50	5
	2	5.6	0.07	19.91	17.81	25.47	0.61	12.85	0.14	69.2	1	1	7000	1.5	2.5	27.5	50	5
	3	6.7	0.08	22.72	18.89	26.55	0.17	14.59	0.15	73.5	1	1	6500	1.5	2.5	27.5	50	5
	4	6.6	0.08	22.00	18.67	26.92	0.19	14.23	0.13	72.1	1	1	4600	1.5	2.5	27.5	50	5
	5	5.8	0.08	19.98	18.00	24.13	0.45	12.72	0.14	66.3	1	1	5500	1.5	2.5	27.5	50	5
	6	6.0	0.08	20.67	19.33	24.84	0.38	13.29	0.16	70.3	1	1	6100	1.5	2.5	27.5	50	5
	7	6.3	0.08	20.55	18.31	25.24	0.28	13.15	0.22	71.1	1	1	4400	1.5	2.5	27.5	50	5
	8	6.0	0.07	21.12	18.66	26.64	0.30	13.46	0.17	72.9	1	1	5800	1.5	2.5	27.5	50	5
	9	5.8	0.08	21.12	18.13	25.55	0.10	13.60	0.13	70.4	1	1	5300	1.5	2.5	27.5	50	5
	10	6.1	0.08	21.16	17.86	25.61	0.20	13.69	0.14	70.0	1	1	6200	1.5	2.5	27.5	50	5
	11	6.6	0.07	20.53	18.45	25.27	0.17	13.20	0.15	71.3	1	1	4600	1.5	2.5	27.5	50	5
	12	6.4	0.12	22.34	19.91	26.35	0.18	14.40	0.22	75.0	1	1	4500	1.5	2.5	27.5	50	5
ESC-NPAA (Active-Pit)	1	3.1	0.09	8.90	17.01	12.00	0.16	5.42	0.17	29.7	1	1	2800	1.5	2.5	27.5	50	5
	2	2.4	0.07	8.76	14.87	10.59	0.07	4.82	0.15	27.1	1	1	2000	1.5	2.5	27.5	50	5
	3	2.5	0.06	6.68	12.83	8.97	0.03	4.36	0.12	23.5	1	1	2200	1.5	2.5	27.5	50	5
	4	3.6	0.07	11.86	14.33	18.42	0.08	7.50	0.14	37.6	1	1	2100	1.5	2.5	27.5	50	5
	5	3.2	0.09	10.64	16.99	13.12	0.12	6.08	0.16	37.4	1	1	3300	1.5	2.5	27.5	50	5
	6	3.4	0.09	11.08	24.01	14.46	0.14	7.21	0.27	36.7	1	1	2300	1.5	2.5	27.5	50	5
	7	2.8	0.07	9.54	14.68	12.23	0.11	5.60	0.15	29.8	1	1	3000	1.5	2.5	27.5	50	5
	8	3.3	0.09	12.53	17.80	16.08	0.23	7.46	0.19	44.1	1	1	3900	1.5	2.5	27.5	50	5
	9	3.3	0.10	10.71	21.03	30.74	0.09	6.23	0.16	32.3	1	1	2700	1.5	2.5	27.5	50	5
	10	2.2	0.08	7.79	11.17	10.06	0.11	4.77	0.13	29.9	1	1	4400	1.5	2.5	27.5	50	5
	11	2.8	0.06	7.90	19.48	10.57	0.10	4.50	0.17	25.6	1	1	1700	1.5	2.5	27.5	50	5
	12	2.6	0.07	8.74	12.97	11.67	0.11	5.68	0.13	47.6	1	1	2000	1.5	13	27.5	50	5
ESC-NPAB (Active-Pit)	1	6.1	0.21	22.96	27.41	29.04	0.61	14.47	0.29	73.1	1	1	6400	1.5	2.5	27.5	50	5
	2	6.6	0.14	24.70	29.14	30.41	0.12	16.08	0.25	78.1	1	1	7900	1.5	2.5	27.5	50	5
	3	8.6	0.12	23.81	26.96	31.95	0.17	16.90	0.27	74.0	1	1	7000	1.5	2.5	27.5	50	5
	4	6.6	0.16	24.31	28.40	30.61	0.18	15.52	0.27	75.6	1	1	5800	1.5	14	27.5	50	5
	5	6.5	0.13	23.31	28.22	30.48	0.31	14.61	0.29	73.5	1	1	8000	1.5	9	27.5	50	5
	6	6.4	0.25	23.37	28.98	30.55	0.24	14.99	0.28	73.9	1	1	7400	1.5	2.5	27.5	50	5
	7	6.0	0.14	23.50	24.66	30.23	0.12	15.59	0.21	68.5	1	1	6200	1.5	2.5	27.5	50	5
	8	6.9	0.18	25.15	33.33	32.12	0.33	15.73	0.33	81.4	1	1	7900	1.5	6	27.5	50	5
	9	6.0	0.14	23.93	29.23	30.01	0.23	15.44	0.29	76.6	1	1	6100	1.5	9	27.5	50	5
	10	5.7	0.13	23.19	26.14	30.82	0.20	14.73	0.29	71.7	1	1	7600	1.5	2.5	27.5	50	5
	11	5.6	0.11	20.79	22.96	27.72	0.09	13.16	0.22	63.0	1	1	7400	1.5	2.5	27.5	50	5
	12	5.9	0.12	22.03	27.19	27.39	0.21	13.46	0.26	68.0	1	1	6200	1.5	2.5	27.5	50	5