

Pit Specific Sediment Chemistry for ESC CMP in December 2016

Working date : 8 December 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	0.6	0.08	22.60	11.58	21.14	0.07	14.44	0.07	58.6	1	1	6,400	1.5	3	27.5	80	5
	2	1.4	0.07	23.45	9.49	21.31	0.03	15.69	0.06	56.7	1	1	7,500	1.5	3	27.5	80	5
	3	1.6	0.07	24.67	10.64	22.40	0.09	16.41	0.06	62.3	1	1	6,900	1.5	3	27.5	80	5
	4	0.7	0.08	23.01	11.05	20.86	0.17	15.07	0.07	58.7	1	1	7,400	1.5	3	27.5	80	5
	5	1.5	0.05	19.86	9.46	18.19	0.05	12.90	0.07	50.4	1	1	5,100	1.5	3	27.5	80	5
	6	0.7	0.08	24.84	9.78	21.96	0.03	16.57	0.06	59.4	1	1	7,000	1.5	3	27.5	80	5
	7	6.1	0.06	18.87	9.15	24.80	0.03	12.09	0.05	49.7	1	1	6,400	1.5	3	27.5	80	5
	8	2.1	0.05	20.54	11.24	42.09	0.03	12.82	0.05	54.9	1	1	5,200	1.5	3	27.5	80	5
	9	0.7	0.07	23.50	10.34	20.74	0.03	15.61	0.05	56.6	1	1	5,900	1.5	3	27.5	80	5
	10	1.6	0.08	23.57	9.57	21.62	0.03	15.87	0.05	58.1	1	1	5,700	1.5	3	27.5	80	5
	11	0.2	0.07	23.87	9.54	20.19	0.03	15.66	0.05	57.7	1	1	6,200	1.5	3	27.5	80	5
	12	-0.2	0.07	24.16	9.98	22.13	0.11	16.10	0.06	60.7	1	1	7,200	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	3.5	0.09	21.06	19.06	26.65	0.05	13.36	0.15	68.2	1	1	6,500	1.5	3	27.5	80	5
	2	1.3	0.06	18.70	17.63	22.23	0.09	11.79	0.14	65.1	1	1	6,800	1.5	3	27.5	80	5
	3	3.9	0.08	20.25	19.08	23.81	0.08	12.78	0.16	68.7	1	1	5,900	1.5	3	27.5	80	5
	4	2.9	0.07	21.07	19.95	26.95	0.03	13.30	0.16	70.1	1	1	7,100	1.5	3	27.5	80	5
	5	2.1	0.08	20.59	20.55	23.85	0.09	12.88	0.16	71.2	1	1	6,800	1.5	3	27.5	80	5
	6	2.4	0.07	21.13	20.20	24.65	0.08	13.34	0.18	70.4	1	1	6,100	1.5	12	27.5	80	5
	7	2.7	0.07	19.95	19.65	24.05	0.08	12.64	0.16	68.4	1	1	6,100	1.5	3	27.5	80	5
	8	2.8	0.08	20.13	19.22	29.24	0.07	12.71	0.18	68.0	1	1	6,000	1.5	3	27.5	80	5
	9	3.6	0.07	22.29	22.00	25.33	0.08	13.94	0.19	73.8	1	1	6,900	1.5	3	27.5	80	5
	10	3.7	0.08	20.60	19.43	25.26	0.06	12.88	0.16	69.5	1	1	6,500	1.5	3	27.5	80	5
	11	3.2	0.06	20.44	19.83	24.64	0.12	12.90	0.16	68.9	1	1	5,500	1.5	3	27.5	80	5
	12	3.3	0.08	21.11	19.30	25.01	0.11	13.35	0.16	69.4	1	1	6,400	1.5	5	27.5	80	5
ESC-NEAA (Pit-Edge)	1	1.0	0.06	26.65	11.69	21.12	0.03	9.09	0.10	51.7	1	1	5,400	1.5	3	27.5	80	5
	2	0.3	0.06	24.39	12.12	16.33	0.06	8.00	0.12	46.1	1	1	6,200	1.5	3	27.5	80	5
	3	0.6	0.09	19.87	16.44	21.96	0.03	10.69	0.14	57.7	1	1	4,600	1.5	3	27.5	80	5
	4	1.0	0.08	18.59	14.16	19.91	0.07	9.32	0.14	52.7	1	1	5,000	1.5	3	27.5	80	5
	5	1.4	0.07	16.27	12.94	19.23	0.03	8.37	0.11	46.4	1	1	4,900	1.5	3	27.5	80	5
	6	2.6	0.09	21.67	12.27	20.97	0.07	10.33	0.12	54.7	1	1	5,900	1.5	3	27.5	80	5
	7	1.1	0.08	18.61	12.30	18.69	0.07	9.90	0.11	51.6	1	1	5,100	1.5	3	27.5	80	5
	8	1.6	0.09	23.43	21.18	19.67	0.03	9.96	0.14	54.8	1	1	5,500	1.5	3	27.5	80	5
	9	1.5	0.07	17.89	13.34	18.75	0.03	8.83	0.13	49.5	1	1	5,600	1.5	3	27.5	80	5
	10	2.7	0.05	15.84	12.25	16.42	0.03	8.69	0.10	47.4	1	1	4,000	1.5	3	27.5	80	5
	11	2.5	0.03	14.22	16.57	18.43	0.03	7.51	0.09	47.8	1	1	5,300	1.5	3	27.5	80	5
	12	1.9	0.06	16.98	10.94	19.55	0.06	10.04	0.09	50.6	1	1	4,000	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	3.9	0.08	21.12	15.57	23.81	0.09	13.13	0.11	65.3	1	1	7,200	1.5	3	27.5	80	5
	2	4.1	0.08	21.28	17.12	23.54	0.03	13.34	0.11	64.7	1	1	7,000	1.5	3	27.5	80	5
	3	4.3	0.08	24.23	18.53	25.70	0.08	15.23	0.12	71.3	1	1	7,500	1.5	3	27.5	80	5
	4	3.7	0.06	20.73	17.54	24.13	0.08	13.17	0.13	64.8	1	1	7,900	1.5	3	27.5	80	5
	5	4.1	0.08	21.56	18.52	24.84	0.06	13.62	0.13	69.2	1	1	8,000	1.5	3	27.5	80	5
	6	5.0	0.08	21.63	16.53	24.45	0.07	13.55	0.11	66.1	1	1	5,800	1.5	3	27.5	80	5
	7	4.9	0.07	19.77	16.30	23.68	0.03	12.30	0.12	64.6	1	1	6,000	1.5	3	27.5	80	5
	8	5.5	0.09	25.01	19.37	28.44	0.03	15.86	0.12	74.2	1	1	7,300	1.5	3	27.5	80	5
	9	4.3	0.06	17.73	14.97	20.27	0.03	10.88	0.11	59.6	1	1	6,400	1.5	3	27.5	80	5
	10	5.2	0.09	22.47	17.99	25.33	0.07	13.94	0.13	71.6	1	1	5,800	1.5	3	27.5	80	5
	11	3.3	0.07	18.42	15.19	21.94	0.03	11.52	0.11	63.8	1	1	5,600	1.5	3	27.5	80	5
	12	6.9	0.08	25.85	21.87	27.25	0.06	16.11	0.13	77.9	1	1	7,200	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	0.2	0.24	22.35	40.96	20.66	0.18	7.70	0.70	54.4	1	1	3,200	1.5	6	27.5	80	5
	2	0.4	0.06	6.38	18.43	6.44	0.06	2.74	0.14	14.6	1	1	3,800	1.5	3	27.5	80	5
	3	0.2	0.07	5.96	18.27	6.77	0.07	2.59	0.17	16.4	1	1	4,600	1.5	3	27.5	80	5
	4	0.5	0.07	7.01	21.77	8.71	0.09	3.18	0.18	19.1	1	1	4,800	1.5	10	27.5	80	5
	5	0.4	0.03	3.95	11.39	4.55	0.07	1.89	0.10	11.4	1	1	4,600	1.5	3	27.5	80	5
	6	0.3	0.09	8.85	28.87	8.65	0.12	4.10	0.21	23.9	1	1	2,600	1.5	3	27.5	80	5
	7	0.4	0.09	8.18	20.23	9.59	0.08	3.91	0.23	24.5	1	1	4,100	1.5	3	27.5	80	5
	8	0.7	0.24	20.68	41.82	21.46	0.18	7.20	0.72	55.4	1	1	2,700	1.5	34	27.5	80	5
	9	0.5	0.10	8.10	25.55	12.04	0.26	3.51	0.25	25.9	1	1	4,900	1.5	3	27.5	80	5
	10	1.1	0.16	13.46	47.50	15.22	0.11	5.47	0.42	38.1	1	1	4,800	1.5	3	27.5	80	5
	11	0.3	0.17	13.77	55.84	14.58	0.18	5.39	0.43	37.9	1	1	2,900	1.5	3	27.5	80	5
	12	0.9	0.16	13.86	50.59	15.14	0.14	5.68	0.40	36.9	1	1	2,800	1.5	3	27.5	80	5
ESC-NPAB (Active-Pit)	1	3.3	0.13	20.29	42.75	26.49	0.28	11.03	0.34	59.3	1	1	7,600	1.5	8	27.5	80	5
	2	2.1	0.10	15.70	39.92	21.62	0.07	8.32	0.29	48.1	1	1	7,800	1.5	11	27.5	80	5
	3	1.8	0.10	14.21	43.24	14.98	0.11	6.87	0.40	41.5	1	1	5,700	1.5	14	27.5	80	5
	4	2.0	0.38	52.92	34.47	42.19	0.35	16.03	1.06	115.5	1	1	6,400	1.5	18	27.5	80	5
	5	3.6	0.25	31.30	46.92	30.08	0.22	13.06	0.82	90.0	1	1	7,000	1.5	7	27.5	80	5
	6	2.6	0.17	25.13	66.30	26.30	0.22	8.97	0.69	69.7	1	1	5,300	1.5	9	27.5	80	5
	7	2.5	0.30	30.14	53.50	27.25	0.15	12.93	0.81	77.4	1	1	7,300	1.5	8	27.5	80	5
	8	4.1	0.22	22.85	56.93	23.43	0.14	10.62	0.58	66.8	1	1	5,400	1.5	13	27.5	80	5
	9	2.6	0.33	32.82	69.44	28.90	0.21	11.92	1.05									