Pit Specific Sediment Chemistry for ESC CMP in September 2017

Working date : 16 September 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***	***µg 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	7.8	0.10	24.65	24.14	22.90	0.08	10.92	0.21	73.6	1	1	3,100	1.5	2.5	27.5	80	5
	2	8.4	0.10	27.10	27.95	24.91	0.03	12.55	0.22	74.4	1	1	3,800	1.5	5	27.5	80	5
	3	9.2	0.11	22.60	29.93	37.62	0.03	11.79	0.22	76.5	1	1	3,400	1.5	3	27.5	80	5
	4	8.8	0.10	24.52	28.25	27.89	0.03	12.61	0.22	75.4	1	1	3,800	1.5	10	27.5	80	5
	5	8.3	0.06	23.19	17.82	21.62	0.03	10.00	0.13	59.2	1	1	3,800	1.5	3	27.5	80	5
	6	7.0	0.05	17.64	22.75	21.13	0.03	9.48	0.12	58.6	1	1	3,300	1.5	3	27.5	80	5
	7	7.9	0.14	24.15	32.14	25.97	0.03	13.29	0.32	81.7	1	1	3,400	1.5	6	27.5	80	5
	8	7.5	0.11	20.57	25.19	23.24	0.03	11.46	0.21	69.5	1	1	4,600	1.5	3	27.5	80	5
	9	7.5	0.06	18.63	16.98	21.10	0.03	10.13	0.13	57.3	1	1	3,900	1.5	3	27.5	80	5
	10	8.0	0.11	21.44	27.78	24.53	0.03	11.83	0.22	72.0	1	1	4,800	1.5	3	27.5	80	5
	11	7.5	0.11	20.48	23.78	23.14	0.03	10.63	0.20	71.5	1	1	3,300	1.5	3	27.5	80	5
	12	8.5	0.13	24.26	32.22	25.11	0.03	13.10	0.25	80.2	1	1	3,500	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	10.4	0.07	24.48	26.11	28.67	0.03	15.55	0.19	82.0	1	1	5,500	1.5	6	27.5	80	5
	2	9.8	0.07	24.25	26.54	28.27	0.03	15.44	0.19	82.3	1	1	5,300	1.5	3	27.5	80	5
	3	10.3	0.08	24.74	26.30	28.22	0.08	15.77	0.18	82.4	1	1	4,500	1.5	3	27.5	80	5
	4	9.5	0.07	23.26	23.76	27.35	0.03	14.58	0.17	78.9	1	1	4,800	1.5	3	27.5	80	5
	5	8.9	0.07	22.55	23.79	25.87	0.06	14.20	0.16	75.7	1	1	5,000	1.5	3	27.5	80	5
	6	9.3	0.08	22.25	25.15	26.74	0.05	13.92	0.18	77.2	1	1	4,200	1.5	3	27.5	80	5
	7	9.4	0.11	23.01	25.40	26.54	0.03	14.60	0.13	77.5	1	1	4,600	1.5	3	27.5	80	5
	8	9.8	0.08	24.49	25.42	27.55	0.03	15.10	0.18	79.3	1	1	4,800	1.5	3	27.5	80	5
	9	12.1	0.09	27.24	27.62	31.26	0.03	17.20	0.20	83.4	1	1	5,900	1.5	3	27.5	80	5
	10	10.7	0.08	23.21	24.91	28.36	0.05	14.48	0.18	81.7	1	1	5,300	1.5	3	27.5	80	5
	11	10.2	0.09	24.52	26.31	28.69	0.05	15.64	0.18	84.8	1	1	5,500	1.5	3	27.5	80	5
	12	11.0	0.09	22.97	25.14	28.55	0.07	14.48	0.20	76.0	1	1	6,000	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	8.4	0.09	24.86	15.38	24.01	0.03	16.28	0.08	67.2	1	1	6,400	1.5	3	27.5	80	5
	2	8.0	0.09	22.59	20.11	25.06	0.03	11.95	0.15	64.1	1	1	6,600	1.5	5	27.5	80	5
	3	9.0	0.10	22.90	22.35	24.17	0.03	11.97	0.18	65.2	1	1	6,600	1.5	3	27.5	80	5
	4	9.4	0.11	21.32	21.55	28.76	0.03	11.46	0.24	67.9	1	1	5,400	1.5	3	27.5	80	5
	5	8.3	0.09	24.30	21.31	24.43	0.03	12.28	0.14	62.9	1	1	5,600	1.5	3	27.5	80	5
	6	7.4	0.08	19.68	16.05	21.01	0.03	11.94	0.11	57.1	1	1	6,000	1.5	3	27.5	80	5
	7	7.6	0.08	20.93	19.30	21.83	0.03	11.71	0.14	59.2	1	1	5,700	1.5	3	27.5	80	5
	8	8.6	0.09	24.54	20.07	39.44	0.03	14.06	0.15	69.0	1	1	7,200	1.5	3	27.5	80	5
	9	8.8	0.09	23.59	18.19	22.15	0.03	12.07	0.12	59.9	1	1	6,500	1.5	3	27.5	80	5
	10	9.5	0.11	26.03	21.68	25.06	0.03	13.37	0.15	67.5	1	1	5,800	1.5	3	27.5	80	5
	11	9.0	0.10	22.08	21.24	25.66	0.03	10.94	0.19	66.4	1	1	6,600	1.5	3	27.5	80	5
	12	9.4	0.09	25.94	21.48	24.89	0.03	11.70	0.15	68.9	1	1	6,500	1.5	7	27.5	80	5
ESC-NEAB (Pit-Edge)	1	11.3	0.09	24.79	24.48	28.87	0.03	15.72	0.15	79.9	1	1	6,100	1.5	3	27.5	80	5
	2	11.7	0.09	25.57	26.06	30.85	0.03	16.42	0.16	82.1	1	1	6,300	1.5	3	27.5	80	5
	3	12.9	0.10	27.60	32.28	32.20	0.03	17.66	0.20	87.9	1	1	6,800	1.5	6	27.5	80	5
	4	12.2	0.10	27.03	26.54	29.86	0.03	17.33	0.16	83.7	1	1	7,000	1.5	3	27.5	80	5
	5	11.1	0.08	23.91	23.78	27.37	0.03	15.20	0.16	78.4	1	1	6,400	1.5	6	27.5	80	5
	6	9.4	0.08	21.18	21.54	25.66	0.03	13.40	0.13	74.0	1	1	5,900	1.5	8	27.5	80	5
	7	11.5	0.09	24.56	24.00	28.32	0.05	15.73	0.16	79.9	1	1	5,600	1.5	3	27.5	80	5
	8	11.6	0.10	26.40	25.76	29.23	0.03	16.82	0.17	84.3	1	1	6,100	1.5	5	27.5	80	5
	9	10.0	0.08	20.86	23.70	25.77	0.03	13.23	0.13	73.0	1	1	5,800	1.5	3	27.5	80	5
	10	12.2	0.09	27.36	26.94	30.72	0.06	17.53	0.17	85.5	1	1	6,600	1.5	3	27.5	80	5
	11	12.0	0.09	26.44	25.21	29.82	0.06	17.12	0.16	83.9	1	1	7,100	1.5	3	27.5	80	5
	12	10.3	0.08	23.55	23.21	27.19	0.06	15.05	0.14	76.0	1	1	6,300	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	9.8	0.95	63.37	99.33	41.06	0.15	31.54	1.79	157.1	1	1	8,200	1.5	25	27.5	80	5
	2	9.1	0.37	41.26	105.44	34.39	0.10	20.10	1.39	152.5	1	1	8,300	1.5	22	27.5	80	5
	3	9.5	0.30	37.31	93.36	33.40	0.12	19.16	1.75	134.5	1	1	7,900	1.5	10	27.5	80	5
	4	9.4	0.26	39.21	83.50	32.36	0.08	21.85	1.61	123.4	1	1	8,800	1.5	9	27.5	80	5
	5	11.4	0.79	60.17	109.34	40.18	0.12	29.76	1.15	171.4	1	1	7,900	1.5	11	27.5	80	5
	6	10.5	0.34	45.66	102.78	37.88	0.19	23.13	1.17	152.2	1	1	7,700	1.5	15	27.5	80	5
	7	8.8	0.34	42.02	106.71	37.36	0.26	20.88	1.30	146.1	1	1	7,800	1.5	15	27.5	80	5
	8	9.4	0.32	39.77	101.88	33.21	0.24	20.68	1.03	132.3	1	1	7,600	1.5	9	27.5	80	5
	9	9.6	0.29	39.54	94.54	34.10	0.33	20.92	1.63	148.9	1	1	8,800	1.5	9	27.5	80	5
	10	10.1	0.28	41.84	97.32	36.06	0.33	22.17	1.80	140.1	1	1	8,600	1.5	10	27.5	80	5
	11	10.5	0.30	41.58	100.03	35.92	0.19	21.63	1.73	146.1	1	1	7,700	1.5	10	27.5	80	5
	12	9.1	0.29	41.02	98.17	35.27	0.19	20.27	1.77	144.4	1	1	8,200	1.5	10	27.5	80	5
ESC-NPAB (Active-Pit)	1	12.7	0.14	34.52	47.94	34.99	0.10	21.51	0.42	110.0	1	1	8,200	1.5	5	27.5	80	5
	2	13.5	0.12	33.80	41.87	35.51	0.06	20.95	0.31	106.3	1	1	7,900	1.5	6	27.5	80	5
	3	13.4	0.20	36.44	57.45	37.17	0.06	22.39	0.52	129.4	1	1	7,000	1.5	7	27.5	80	5
	4	12.5	0.17	34.93	57.35	36.16	0.06	21.40	0.60	111.1	1	1	8,000	1.5	12	27.5	80	5
	5	14.4	0.15	39.04	50.35	39.35	0.08	23.99	0.44	120.8	1	1	7,000	1.5	3	27.5	80	5
	6	12.9	0.13	35.15	46.56	36.27	0.24	21.80	0.41	109.1	1	1	7,600	1.5	5	27.5	80	5
	7	14.4	0.15	37.79	52.47	39.68	0.07	23.71	0.39	119.4	1	1	7,500	1.5	6	27.5	80	5
	8	12.8	0.15	34.49	51.73	37.08	0.11	21.45	0.45	111.8	1	1	7,700	1.5	6	27.5	80	5
	9	13.5	0.14	34.87	43.75	36.53	0.09	21.82	0.35	109.4	1	1	6,400	1.5	3	27.5	80	5
	10	14.8	0.13	37.55	45.20	38.99	0.10	23.66	0.29	115.1	1	1	8,200	1.5	3	27.5	80	5
	11	15.0	0.12	36.30	44.05	37.51	0.05	22.64	0.32	112.7	1	1	7,700	1.5	2.5	27.5	80	5
	12	13.5	0.13	33.95	42.32	36.37	0.03	21.08	0.33	107.6	1	1	6,900	1.5	2.5	27.5	80	5