Pit Specific Sediment Chemistry for ESC CMP in October 2016

Working date : 6 October 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		**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	5.8	0.03	18.76	13.38	17.53	0.03	7.17	0.07	51.0	1	1	5,300	1.5	3	27.5	80	5
	2	7.1	0.03	19.13	15.07	21.35	0.10	8.14	0.08	62.6	1	1	6,900	1.5	3	27.5	80	5
	3	5.8	0.03	16.09	13.02	38.17	0.08	7.20	0.07	50.1	1	1	5,400	1.5	3	27.5	80	5
	4	5.5	0.03	18.41	13.32	18.43	0.03	7.90	0.07	54.1	1	1	6,000	1.5	3	27.5	80	5
	5	5.9	0.03	21.42	16.02	19.06	0.11	7.85	0.08	55.9	1	1	4,700	1.5	3	27.5	80	5
	6	5.7	0.03	18.00	13.88	20.23	0.14	7.86	0.07	56.6	1	1	5,000	1.5	3	27.5	80	5
	7	5.5	0.05	17.95	14.32	17.89	0.03	6.94	0.07	61.8	1	1	6,100	1.5	3	27.5	80	5
	8	4.6	0.03	15.65	11.53	17.54	0.11	6.58	0.06	48.0	1	1	4,500	1.5	3	27.5	80	5
	9	5.3	0.03	23.51	13.70	20.36	0.03	7.85	0.07	55.0	1	1	4,300	1.5	3	27.5	80	5
	10	5.7	0.03	21.29	16.56	20.72	0.16	8.63	0.10	61.0	1	1	6,200	1.5	3	27.5	80	5
	11	5.3	0.03	17.59	13.68	18.77	0.16	7.60	0.07	55.0	1	1	5,900	1.5	3	27.5	80	5
	12	5.7	0.03	18.73	16.00	20.28	0.15	8.38	0.08	58.9	1	1	6,300	1.5	3	27.5	80	5
ESC-NNAB (Near-Pit)	1	7.4	0.03	21.67	20.00	23.31	0.20	11.75	0.09	74.1	1	1	7,000	1.5	3	27.5	80	5
	2	7.9	0.03	20.74	19.65	22.74	0.09	11.30	0.08	72.0	1	1	6,100	1.5	3	27.5	80	5
	3	7.3	0.03	21.01	20.58	24.39	0.07	11.34	0.09	73.2	1	1	6,800	1.5	3	27.5	80	5
	4	6.5	0.03	20.75	18.77	23.65	0.08	10.93	0.09	70.8	1	1	7,500	1.5	3	27.5	80	5
	5	7.2	0.03	22.15	21.36	23.41	0.10	11.47	0.09	77.3	1	1	5,400	1.5	3	27.5	80	5
	6	6.3	0.03	19.94	18.87	22.11	0.03	10.59	0.09	67.8	1	1	5,900	1.5	3	27.5	80	5
	7	7.6	0.03	21.85	20.84	24.24	0.11	11.49	0.08	75.0	1	1	6,500	1.5	3	27.5	80	5
	8	6.3	0.03	21.74	21.06	23.21	0.03	11.48	0.10	74.7	1	1	7,200	1.5	3	27.5	80	5
	9	7.5	0.03	21.00	20.19	23.37	0.12	11.25	0.09	72.2	1	1	6,200	1.5	9	27.5	80	5
	10	7.6	0.03	23.78	23.29	24.73	0.14	13.04	0.11	81.2	1	1	5,800	1.5	7	27.5	80	5
	11	6.2	0.03	19.76	20.23	22.31	0.15	10.44	0.09	67.1	1	1	6,300	1.5	8	27.5	80	5
	12	7.1	0.03	21.48	21.90	23.81	0.16	11.36	0.10	75.3	1	1	6,400	1.5	3	27.5	80	5
ESC-NEAA (Pit-Edge)	1	4.5	0.03	22.39	11.10	19.44	0.03	11.43	0.03	62.2	1	1	6,000	1.5	3	27.5	80	5
	2	5.0	0.03	22.55	10.72	19.86	0.03	11.62	0.03	63.5	1	1	6,900	1.5	3	27.5	80	5
	3	5.0	0.03	22.47	10.78	20.08	0.17	11.81	0.03	63.1	1	1	6,500	1.5	3	27.5	80	5
	4	3.8	0.03	22.87	10.74	20.82	0.03	11.81	0.03	63.2	1	1	5,900	1.5	3	27.5	80	5
	5	4.9	0.03	22.89	10.56	20.29	0.07	11.87	0.03	64.0	1	1	7,300	1.5	3	27.5	80	5
	6	5.3	0.03	24.10	11.25	22.39	0.13	12.38	0.03	66.3	1	1	8,000	1.5	3	27.5	80	5
	7	5.2	0.03	24.16	11.25	21.55	0.17	12.35	0.03	67.2	1	1	6,900	1.5	3	27.5	80	5
	8	4.2	0.03	23.22	10.48	21.81	0.05	11.37	0.03	63.9	1	1	7,400	1.5	3	27.5	80	5
	9	4.5	0.03	21.87	10.84	21.06	0.13	10.51	0.03	61.5	1	1	6,800	1.5	3	27.5	80	5
	10	4.9	0.03	23.65	11.12	22.93	0.16	11.66	0.03	65.9	1	1	7,800	1.5	3	27.5	80	5
	11	4.9	0.03	22.97	11.78	22.48	0.10	11.33	0.03	65.0	1	1	7,800	1.5	3	27.5	80	5
	12	5.5	0.03	21.46	10.82	21.13	0.13	9.98	0.03	59.7	1	1	7,400	1.5	3	27.5	80	5
ESC-NEAB (Pit-Edge)	1	7.2	0.03	22.14	16.11	25.71	0.12	10.44	0.06	65.1	1	1	6,200	1.5	3	27.5	80	5
	2	7.0	0.06	23.52	16.82	26.80	0.07	11.07	0.06	67.0	1	1	5,800	1.5	3	27.5	80	5
	3	7.3	0.03	23.48	17.92	28.20	0.18	10.95	0.07	70.4	1	1	6,800	1.5	3	27.5	80	5
	4	6.6	0.03	22.96	17.84	28.07	0.18	10.59	0.07	69.7	1	1	7,500	1.5	3	27.5	80	5
	5	6.9	0.03	24.05	18.77	26.87	0.08	11.08	0.07	74.8	1	1	6,000	1.5	3	27.5	80	5
	6	6.7	0.03	24.60	19.78	26.99	0.18	11.61	0.07	75.3	1	1	6,500	1.5	3	27.5	80	5
	7	5.8	0.03	22.96	18.01	26.15	0.03	10.39	0.07	72.5	1	1	6,500	1.5	3	27.5	80	5
	8	6.6	0.03	20.79	17.66	24.83	0.08	9.21	0.07	68.1	1	1	6,900	1.5	3	27.5	80	5
	9	7.7	0.03	26.59	19.10	29.54	0.11	12.64	1.29	75.8	1	1	7,100	1.5	31	27.5	80	5
	10	7.1	0.03	24.00	18.94	29.02	0.08	11.22	0.07	75.3	1	1	6,900	1.5	30	27.5	80	5
	11	7.2	0.03	26.17	20.44	29.08	0.06	12.56	0.08	77.3	1	1	5,700	1.5	28	27.5	80	5
	12	7.1	0.03	24.77	19.29	29.85	0.11	11.64	0.07	75.2	1	1	6,000	1.5	3	27.5	80	5
ESC-NPAA (Active-Pit)	1	3.7	0.06	15.76	17.17	23.32	0.09	6.81	0.10	47.5	1	1	4,600	1.5	3	27.5	80	5
	2	3.5	0.03	12.56	13.00	22.38	0.10	5.36	0.08	38.1	1	1	4,600	1.5	3	27.5	80	5
	3	3.7	0.05	10.96	13.56	19.97	0.11	4.82	0.08	35.4	1	1	3,300	1.5	3	27.5	80	5
	4	4.2	0.07	15.74	18.05	24.17	0.13	7.32	0.10	50.8	1	1	4,100	1.5	3	27.5	80	5
	5	4.6	0.06	16.07	23.60	26.54	0.03	7.45	0.12	53.1	1	1	5,100	1.5	3	27.5	80	5
	6	4.7	0.05	13.89	19.92	22.60	0.10	6.07	0.13	45.7	1	1	4,400	1.5	3	27.5	80	5
	7	4.3	0.05	14.75	20.85	21.89	0.11	6.28	0.12	45.2	1	1	5,900	1.5	3	27.5	80	5
	8	5.2	0.06	20.94	21.74	28.53	0.12	10.10	0.10	68.0	1	1	3,500	1.5	3	27.5	80	5
	9	4.5	0.05	14.09	20.42	25.46	0.15	6.02	0.11	47.5	1	1	4,500	1.5	12	27.5	80	5
	10	5.5	0.06	19.28	25.66	31.79	0.11	8.69	0.13	62.6	1	1	3,900	1.5	14	27.5	80	5
	11	4.3	0.06	15.87	22.59	25.49	0.17	7.19	0.13	52.1	1	1	3,400	1.5	12	27.5	80	5
	12	4.9	0.03	15.64	22.95	26.21	0.06	7.33	0.11	53.8	1	1	5,100	1.5	3	27.5	80	5
ESC-NPAB (Active-Pit)	1	5.7	0.06	19.94	30.13	33.03	0.13	9.26	0.15	70.4	1	1	6,900	1.5	12	27.5	80	5
	2	5.7	0.06	22.41	33.82	39.06	0.13	9.48	0.15	79.9	1	1	4,300	1.5	15	27.5	80	5
	3	5.2	0.05	20.32	30.71	35.49	0.13	8.81	0.13	82.1	1	1	6,700	1.5	13	27.5	80	5
	4	7.3	0.08	24.33	35.36	37.81	0.15	11.42	0.13	84.9	1	1	4,900	1.5	11	27.5	80	5
	5	5.9	0.05	17.96	28.01	32.52	0.28	7.63	0.18	64.3	1	1	4,500	1.5	16	27.5	80	5
	6	4.9	0.08	15.02	24.36	27.52	0.08	6.37	0.15	55.0	1	1	5,300	1.5	16	27.5	80	5
	7	5.5	0.09	18.24	27.21	30.03	0.20	7.57	0.18	63.7	1	1	6,200	1.5	16	27.5	80	5
	8	6.2	0.08	21.77	32.79	36.82	0.15	9.87	0.13	77.3	1	1	4,000	1.5	19	27.5	80	5
	9	7.3	0.08	22.00	37.77	38.36	0.13	9.56	0.19	78.1	1	1	4,800	1.5	17	27.5	80	5
	10	6.8	0.06	23.81	37.61	39.38	0.12	10.92	0.15	80.8	1	1	5,000	1.5	18	27.5	80	5
	11	5.0	0.09	18.84	33.54	33.36	0.14	8.18	0.17	68.5	1	1	4,400	1.5	15	27.5	80	5
	12	5.7	0.09	21.25	36.89	40.60	0.20	9.77	0.45	79.5	1	1	6,700	1.5	20	27.5	80	5