

Cumulative Impact Sediment Chemistry at CMPs in June 2017

14-15/06/2017		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	TOC	TBT	T-DDT	4,4'-DDE	PCBs	Low M.W. PAHs	High M.W. PAHs
Station	Replicate	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Limits of Reporting (LOR)		0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	200	0.50	2.00	2.00	3	55	100
ESC-RNA	1	9.5	0.11	26.42	28.15	28.23	0.21	16.48	0.18	85.1	6,800	7	1	1	1.5	28	50
	2	9.9	0.11	25.73	28.01	28.98	0.03	16.00	0.16	85.9	5,900	3	1	1	1.5	28	50
	3	8.9	0.19	24.39	27.26	26.03	0.03	15.29	0.17	80.4	5,900	3	1	1	1.5	28	50
	4	8.8	0.10	24.01	25.97	25.71	0.06	14.70	0.17	77.9	6,200	3	1	1	1.5	28	50
	5	9.1	0.09	25.17	27.49	26.39	0.07	15.61	0.17	82.2	6,500	29	1	1	1.5	28	50
	6	9.0	0.10	25.50	27.71	27.06	0.07	15.84	0.18	83.5	5,800	9	1	1	1.5	28	50
	7	9.4	0.09	25.81	27.44	26.78	0.03	15.97	0.17	82.7	6,400	8	1	1	1.5	28	50
	8	9.1	0.10	25.41	27.72	26.63	0.31	15.76	0.19	81.6	6,400	3	1	1	1.5	28	50
	9	9.6	0.10	25.04	26.90	26.84	0.07	15.48	0.18	82.1	5,900	3	1	1	1.5	28	50
	10	10.0	0.07	25.54	30.88	27.75	0.17	15.83	0.18	84.6	6,200	3	1	1	1.5	28	50
	11	9.6	0.07	26.93	28.83	28.73	0.11	16.83	0.20	88.5	6,700	3	1	1	1.5	28	50
	12	9.7	0.09	25.41	26.90	26.88	0.07	15.99	0.16	83.3	6,000	3	1	1	1.5	28	50
ESC-RNB	1	10.5	0.08	23.98	20.72	28.50	0.03	13.87	0.12	81.4	5,100	7	1	1	1.5	28	50
	2	11.2	0.08	24.43	20.82	29.55	0.05	13.90	0.11	83.4	4,500	10	1	1	1.5	28	50
	3	11.0	0.07	23.22	20.28	27.91	0.03	13.39	0.11	78.8	4,600	8	1	1	1.5	28	50
	4	11.4	0.08	25.11	20.97	30.55	0.03	14.47	0.12	88.9	5,000	37	1	1	1.5	28	50
	5	10.8	0.09	24.84	19.94	29.79	0.08	14.33	0.11	87.5	5,400	8	1	1	1.5	28	50
	6	10.3	0.08	22.84	18.38	28.12	0.03	13.02	0.11	82.5	5,000	8	1	1	1.5	28	50
	7	9.8	0.06	21.85	17.81	27.68	0.03	12.31	0.18	83.7	6,000	10	1	1	1.5	28	50
	8	10.2	0.09	23.30	20.00	31.92	0.08	13.16	0.11	83.2	6,100	7	1	1	1.5	28	50
	9	10.5	0.08	23.71	20.18	28.42	0.03	13.39	0.11	81.8	5,700	8	1	1	1.5	28	50
	10	10.5	0.05	22.59	18.42	28.17	0.07	12.82	0.11	83.3	4,900	3	1	1	1.5	28	50
	11	10.9	0.08	23.82	20.20	29.08	0.06	13.63	0.12	83.5	5,000	5	1	1	1.5	28	50
	12	10.4	0.07	23.18	19.49	28.85	0.03	13.13	0.12	83.3	5,300	10	1	1	1.5	28	50
ESC-RMA	1	11.9	0.13	30.46	35.53	31.32	0.17	18.77	0.23	95.8	8,100	7	1	1	1.5	28	50
	2	12.7	0.12	33.53	38.73	34.11	0.05	20.68	0.24	104.4	8,900	3	1	1	1.5	28	50
	3	13.0	0.14	33.51	39.58	34.00	0.05	20.71	0.27	105.5	9,000	3	1	1	1.5	28	50
	4	12.8	0.12	32.92	39.04	33.31	0.09	20.40	0.26	102.5	9,000	3	1	1	1.5	28	50
	5	12.8	0.11	32.47	37.23	33.53	0.09	20.04	0.24	101.6	8,700	3	1	1	1.5	28	50
	6	13.2	0.14	34.16	39.94	34.97	0.07	21.37	0.26	107.1	9,300	3	1	1	1.5	28	50
	7	13.1	0.14	33.79	39.87	34.66	0.06	20.84	0.27	106.3	9,300	8	1	1	1.5	28	50
	8	12.5	0.18	32.20	37.67	32.83	0.12	19.83	0.26	103.8	8,300	3	1	1	1.5	28	50
	9	11.7	0.13	29.24	34.28	30.66	0.05	17.79	0.23	92.3	8,000	3	1	1	1.5	28	50
	10	12.9	0.13	31.69	38.25	33.55	0.07	19.45	0.32	99.8	8,500	3	1	1	1.5	28	50
	11	13.3	0.14	33.49	39.39	35.16	0.03	20.54	0.27	105.1	8,800	3	1	1	1.5	28	50
	12	13.1	0.13	32.39	39.34	34.26	0.11	19.81	0.30	101.2	8,600	12	1	1	1.5	28	50
ESC-RMB	1	11.1	0.09	26.55	19.04	26.12	0.03	15.73	0.09	68.1	7,500	3	1	1	1.5	28	50
	2	12.2	0.09	29.40	20.09	28.53	0.03	17.66	0.11	74.2	7,400	3	1	1	1.5	28	50
	3	11.3	0.09	27.31	19.43	26.80	0.03	16.07	0.10	69.4	7,100	3	1	1	1.5	28	50
	4	13.0	0.09	29.73	20.68	29.21	0.03	17.75	0.12	76.0	8,100	3	1	1	1.5	28	50
	5	12.5	0.10	30.43	20.93	30.12	0.03	18.13	0.11	76.5	8,100	3	1	1	1.5	28	50
	6	12.1	0.09	27.96	19.74	27.62	0.03	16.45	0.10	71.2	8,200	3	1	1	1.5	28	50
	7	11.9	0.10	28.37	20.29	27.83	0.07	16.77	0.10	72.7	8,200	3	1	1	1.5	28	50
	8	12.1	0.10	28.54	22.23	28.57	0.03	16.95	0.11	72.9	7,900	3	1	1	1.5	28	50
	9	11.2	0.09	26.26	18.83	27.54	0.03	15.54	0.10	67.5	8,000	3	1	1	1.5	28	50
	10	12.1	0.09	28.01	20.30	28.90	0.03	16.41	0.11	71.2	8,200	3	1	1	1.5	28	50
	11	11.4	0.10	26.94	18.78	27.24	0.03	16.00	0.10	68.8	7,800	3	1	1	1.5	28	50
	12	11.9	0.10	28.22	20.50	28.63	0.03	16.68	0.11	71.8	8,000	3	1	1	1.5	28	50
ESC-RCA	1	10.6	0.12	21.77	25.35	24.65	0.03	12.84	0.17	74.5	7,500	3	1	1	1.5	28	50
	2	12.3	0.13	25.50	32.11	28.59	0.03	14.99	0.22	84.0	7,200	3	1	1	1.5	28	50
	3	9.9	0.10	21.96	25.74	26.93	0.03	13.08	0.16	76.9	6,800	33	1	1	1.5	28	50
	4	10.6	0.11	23.64	28.43	26.42	0.06	13.94	0.18	79.1	7,500	3	1	1	1.5	28	50
	5	9.9	0.11	21.87	24.65	25.75	0.03	12.92	0.16	76.5	6,500	3	1	1	1.5	28	50
	6	10.4	0.10	22.44	24.47	26.07	0.03	13.44	0.16	76.3	7,000	3	1	1	1.5	28	50
	7	10.2	0.10	22.18	24.73	25.88	0.03	13.27	0.16	76.5	7,800	5	1	1	1.5	28	50
	8	9.7	0.10	21.52	24.33	24.89	0.03	12.86	0.16	74.6	7,500	3	1	1	1.5	28	50
	9	9.6	0.11	21.13	23.06	24.62	0.03	12.55	0.15	72.4	6,900	19	1	1	1.5	28	50
	10	9.8	0.11	21.93	24.45	24.33	0.03	12.90	0.16	73.0	6,000	3	1	1	1.5	28	50
	11	10.3	0.10	21.53	26.79	24.44	0.10	12.63	0.31	74.1	7,800	3	1	1	1.5	28	50
	12	10.2	0.09	22.43	24.66	25.31	0.03	13.48	0.16	75.9	7,600	6	1	1	1.5	28	50
ESC-RCB	1	13.2	0.11	32.26	30.38	33.80	0.03	20.91	0.16	97.6	9,700	3	1	1	1.5	28	50
	2	12.2	0.08	28.97	27.30	30.85	0.03	18.56	0.12	90.8	9,300	3	1	1	1.5	28	50
	3	13.0	0.10	32.38	30.03	33.98	0.03	21.04	0.12	98.3	9,200	3	1	1	1.5	28	50
	4	13.2	0.09	31.19	29.02	33.13	0.03	20.16	0.12	95.1	9,200	3	1	1	1.5	28	50
	5	12.9	0.09	31.81	29.60	33.19	0.03	20.61	0.12	97.6	9,800	3	1	1	1.5	28	50
	6	12.7	0.09	30.76	28.21	32.36	0.03	19.78	0.11	95.5	9,000	3	1	1	1.5	28	50
	7	13.0	0.15	32.37	30.07	33.50	0.03	20.83	0.15	100.9	9,200	3	1	1	1.5	28	50
	8	12.8	0.12	32.12	29.37	33.35	0.03	21.04	0.13	99.0	9,700	3	1	1	1.5	28	50
	9	12.1	0.09	30.24	27.13	31.38	0.03	19.50	0.10	94.5	9,200	3	1	1	1.5	28	50
	10	12.5	0.09	31.69	28.56	32.37	0.03	20.37	0.11	97.4	8,700	3	1	1	1.5	28	50
	11	12.7	0.11	31.87	29.83	33.13	0.03	20.61	0.12	99.9	8,900	3	1	1	1.5	28	50
	12	12.8	0.08	31.91	29.83	33.01	0.05	20.61	0.12	98.3	8,600	3	1	1	1.5	28	50
ESC-RFA	1	9.5	0.11	24.17	26.66	26.22	0.03	14.85	0.17	79.8	6,400	3	1	1	1.5	28	50
	2	6.0	0.08	15.16	19.50	17.08	0.03	9.09	0.13	50.6	5,600	3	1	1	1.5	28	50
	3	7.5	0.08	19.19	23.06	21.32	0.03	11.63	0.15	65.4	5,600	3	1	1	1.5	28	50
	4	5.1	0.09	17.47	19.07	16.76	0.03	10.35	0.17	51.0	5,400	3	1	1	1.5	28	50
	5	7.7	0.10	22.10	35.82	24.24	0.08	13.11	0.21	73.5	5,200	3	1	1	1.5	28	50
	6	9.6	0.07	25.23	28.42	27.06	0.03	15.38	0.17	83.5	8,000	3	1	1	1.5	28	50
	7	4.7	0.07	14.80	15.68	15.76	0.03	9.08	0.17	45.6	6,800	3	1	1	1.5	28	50
	8	7.3	0.08	21.47	23.99	20.02	0.03	12.70	0.20	65.7	7,800	3	1	1	1.5	28	50
	9	4.1	0.06	12													