

Cumulative Impact Sediment Chemistry at CMPs in August 2017

8-10/08/2017		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	8.1	0.12	26.36	28.88	30.72	0.03	16.87	0.23	84.9	5,400	3	1	1	1.5	28	50
	2	8.7	0.10	27.13	30.01	31.85	0.03	17.44	0.23	88.9	5,500	6	1	1	1.5	28	50
	3	9.1	0.11	28.12	33.05	31.26	0.03	17.94	0.23	90.6	6,900	7	1	1	1.5	28	50
	4	8.7	0.12	27.54	32.09	30.92	0.03	17.62	0.23	88.5	6,800	8	1	1	1.5	28	50
	5	7.7	0.10	25.86	30.07	29.79	0.03	16.62	0.20	85.0	6,200	8	1	1	1.5	28	50
	6	8.2	0.10	26.52	31.37	30.35	0.03	16.74	0.20	86.7	6,800	6	1	1	1.5	28	50
	7	8.6	0.13	29.01	31.96	32.10	0.03	18.66	0.22	91.2	5,800	3	1	1	1.5	28	50
	8	8.1	0.10	28.31	30.82	32.87	0.03	18.20	0.21	92.2	6,200	5	1	1	1.5	28	50
	9	7.7	0.10	27.79	30.96	31.75	0.03	17.91	0.22	89.5	6,700	7	1	1	1.5	28	50
	10	8.2	0.11	26.94	30.57	30.62	0.03	17.16	0.25	87.7	5,700	3	1	1	1.5	28	50
	11	8.9	0.12	30.27	33.97	33.44	0.03	19.50	0.24	95.4	7,100	3	1	1	1.5	28	50
	12	8.1	0.11	26.54	29.89	30.19	0.03	16.97	0.20	87.3	6,700	3	1	1	1.5	28	50
ESC-RNB	1	10.3	0.08	24.29	19.44	32.29	0.03	14.47	0.12	84.4	4,200	3	1	1	1.5	28	50
	2	10.0	0.09	25.30	22.87	31.60	0.03	15.06	0.13	80.3	5,600	3	1	1	1.5	28	50
	3	10.8	0.10	26.87	24.62	36.67	0.03	16.10	0.14	87.5	5,300	3	1	1	1.5	28	50
	4	10.1	0.06	23.38	18.03	30.57	0.03	13.72	0.10	78.4	5,000	3	1	1	1.5	28	50
	5	10.0	0.09	22.96	19.05	31.37	0.03	13.71	0.11	82.3	5,400	6	1	1	1.5	28	50
	6	11.6	0.09	28.59	24.78	35.03	0.05	17.04	0.13	85.9	4,900	3	1	1	1.5	28	50
	7	10.3	0.09	23.27	18.97	45.89	0.03	13.19	0.11	81.8	4,700	3	1	1	1.5	28	50
	8	10.7	0.09	26.77	24.05	34.23	0.03	16.14	0.14	88.5	4,700	3	1	1	1.5	28	50
	9	10.9	0.11	27.21	25.35	34.58	0.03	16.34	0.14	87.8	4,500	3	1	1	1.5	28	50
	10	10.1	0.09	22.82	19.10	30.32	0.03	13.36	0.12	83.0	4,400	7	1	1	1.5	28	50
	11	10.5	0.08	25.34	22.94	31.52	0.03	15.17	0.13	81.5	5,900	3	1	1	1.5	28	50
	12	11.8	0.09	28.57	24.76	36.25	0.03	17.23	0.13	87.6	5,000	7	1	1	1.5	28	50
ESC-RMA	1	11.9	0.16	37.23	48.25	40.59	0.12	23.24	0.30	116.0	7,500	9	1	1	1.5	28	50
	2	10.8	0.15	33.50	42.72	37.09	0.06	21.01	0.26	107.7	7,700	6	1	1	1.5	28	50
	3	11.2	0.16	34.87	44.56	38.89	0.06	22.13	0.27	111.7	9,000	7	1	1	1.5	28	50
	4	10.8	0.15	35.55	44.09	39.52	0.03	22.79	0.30	112.0	8,300	3	1	1	1.5	28	50
	5	11.3	0.14	35.08	43.27	39.66	0.03	22.25	0.29	111.6	7,700	9	1	1	1.5	28	50
	6	11.5	0.16	36.50	49.23	39.93	0.03	22.90	0.29	114.3	8,400	7	1	1	1.5	28	50
	7	10.7	0.16	34.86	44.56	37.79	0.03	21.86	0.28	110.7	8,900	3	1	1	1.5	28	50
	8	11.6	0.15	37.09	46.77	40.20	0.03	23.36	0.30	114.9	8,300	3	1	1	1.5	28	50
	9	11.5	0.13	35.60	44.70	39.46	0.03	22.45	0.28	112.3	8,700	13	1	1	1.5	28	50
	10	11.6	0.15	35.86	45.55	40.27	0.03	22.54	0.29	112.6	7,700	3	1	1	1.5	28	50
	11	11.5	0.15	36.03	46.03	40.04	0.03	22.85	0.30	113.4	8,200	3	1	1	1.5	28	50
	12	11.3	0.15	37.93	48.76	41.15	0.03	23.94	0.31	117.2	7,900	3	1	1	1.5	28	50
ESC-RMB	1	10.7	0.11	29.98	22.15	33.23	0.03	17.95	0.14	77.0	6,000	3	1	1	1.5	28	50
	2	10.3	0.13	28.99	28.76	33.10	0.03	17.86	0.23	86.5	5,100	3	1	1	1.5	28	50
	3	9.6	0.12	26.32	23.58	31.30	0.03	15.94	0.19	74.1	6,200	3	1	1	1.5	28	50
	4	9.8	0.13	25.86	20.89	30.84	0.03	15.44	0.13	70.8	6,800	3	1	1	1.5	28	50
	5	10.4	0.11	25.82	18.85	31.89	0.03	15.16	0.11	67.1	6,300	3	1	1	1.5	28	50
	6	10.4	0.11	24.47	17.95	31.88	0.03	14.33	0.12	64.1	5,800	3	1	1	1.5	28	50
	7	11.1	0.12	28.03	20.91	33.68	0.03	16.66	0.13	73.3	7,400	3	1	1	1.5	28	50
	8	10.1	0.13	22.90	18.14	30.59	0.03	13.39	0.13	62.1	5,800	3	1	1	1.5	28	50
	9	9.5	0.14	24.07	23.86	31.57	0.03	14.67	0.18	71.5	6,500	3	1	1	1.5	28	50
	10	10.9	0.15	27.18	20.65	30.93	0.09	15.22	0.13	70.6	6,600	3	1	1	1.5	28	50
	11	10.4	0.10	27.20	21.52	31.45	0.03	16.27	0.13	72.9	6,400	3	1	1	1.5	28	50
	12	11.1	0.11	29.60	25.10	34.59	0.03	17.81	0.18	80.6	7,000	3	1	1	1.5	28	50
ESC-RCA	1	9.9	0.13	23.54	30.86	28.66	0.03	14.64	0.19	81.6	6,900	3	1	1	1.5	28	50
	2	9.5	0.11	23.80	28.23	28.89	0.03	14.59	0.18	79.6	7,000	10	1	1	1.5	28	50
	3	9.0	0.11	23.47	26.87	28.95	0.03	14.50	0.18	79.7	7,000	9	1	1	1.5	28	50
	4	9.2	0.11	22.91	27.58	27.76	0.03	14.06	0.20	77.6	6,400	8	1	1	1.5	28	50
	5	9.9	0.12	25.11	29.81	30.00	0.03	15.58	0.21	83.9	5,800	10	1	1	1.5	28	50
	6	8.8	0.10	22.93	26.59	27.73	0.03	14.17	0.17	78.3	6,300	8	1	1	1.5	28	50
	7	8.6	0.11	21.60	24.73	26.48	0.03	13.19	0.17	74.1	6,200	7	1	1	1.5	28	50
	8	9.4	0.11	24.11	27.84	29.44	0.03	14.72	0.18	82.0	6,900	3	1	1	1.5	28	50
	9	9.6	0.13	23.96	27.69	45.67	0.03	14.83	0.20	81.3	7,000	10	1	1	1.5	28	50
	10	8.7	0.10	23.07	27.62	27.81	0.03	14.05	0.17	79.0	6,200	57	1	1	1.5	28	50
	11	9.6	0.12	23.93	28.33	29.44	0.03	14.87	0.21	81.7	6,700	14	1	1	1.5	28	50
	12	8.7	0.10	22.77	25.55	27.35	0.03	14.02	0.16	78.5	6,400	9	1	1	1.5	28	50
ESC-RCB	1	11.1	0.11	29.67	29.33	35.94	0.03	19.41	0.15	95.2	11,000	3	1	1	1.5	28	50
	2	10.6	0.13	27.97	25.61	34.22	0.03	18.53	0.15	91.2	8,300	3	1	1	1.5	28	50
	3	10.7	0.10	27.04	24.48	33.03	0.11	17.92	0.14	88.8	8,800	3	1	1	1.5	28	50
	4	10.7	0.09	28.83	26.70	34.63	0.10	19.13	0.15	91.2	8,900	3	1	1	1.5	28	50
	5	11.3	0.11	29.14	26.94	35.03	0.03	19.38	0.14	91.7	9,400	3	1	1	1.5	28	50
	6	10.5	0.11	30.46	28.05	34.62	0.03	20.16	0.14	94.2	8,600	3	1	1	1.5	28	50
	7	10.3	0.10	29.49	27.24	34.34	0.03	19.71	0.13	94.1	8,800	3	1	1	1.5	28	50
	8	10.9	0.11	31.60	28.81	35.70	0.03	21.02	0.14	96.9	9,100	3	1	1	1.5	28	50
	9	10.4	0.11	30.46	28.97	35.49	0.03	20.24	0.13	96.2	8,600	3	1	1	1.5	28	50
	10	11.0	0.10	29.87	26.92	34.91	0.03	19.91	0.14	95.1	9,200	3	1	1	1.5	28	50
	11	10.2	0.10	29.66	27.62	35.08	0.03	19.69	0.13	96.0	9,100	3	1	1	1.5	28	50
	12	10.9	0.12	32.78	30.26	37.66	0.03	21.98	0.16	102.2	8,900	3	1	1	1.5	28	50
ESC-RFA	1	5.4	0.10	18.19	20.81	17.83	0.42	11.04	0.24	48.4	2,800	3	1	1	1.5	28	50
	2	8.2	0.08	30.45	15.63	31.40	0.29	20.07	0.11	70.2	3,500	3	1	1	1.5	28	50
	3	3.8	0.07	13.53	15.48	18.82	0.13	7.98	0.15	38.0	2,700	3	1	1	1.5	28	50
	4	6.3	0.07	25.11	15.45	24.28	0.07	16.56	0.12	61.3	3,300	3	1	1	1.5	28	50
	5	4.9	0.08	18.84	15.54	18.47	0.46	12.14	0.15	53.4	2,800	3	1	1	1.5	28	50
	6	5.5	0.07	21.80	14.78	22.76	0.06	14.00	0.13	54.9	4,100	3	1	1	1.5	28	50
	7	4.5	0.08	16.02	15.49	17.19	0.03	9.70	0.16	45.2	3,600	3	1	1	1.5	28	50
	8	6.1	0.06	25.44	13.78	24.97	0.03	16.93	0.10	59.5	3,600	3	1	1	1.5	28	50
	9	4.3	0.07	19.48													