

Cumulative Impact Sediment Chemistry at CMPs in Jun 2025

Working date: 10 Jun 2025		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs
Sampling Station		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Reporting Limit	Replicate	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	2.0	2.0	500	3.0	5	50	100
ESC-RNA	1	9.6	0.06	20.40	17.60	27.30	0.06	11.40	0.13	64.2	<2.0	<2.0	7,000	<3	<5.0	<50	190
	2	9.5	0.07	22.80	19.40	29.40	0.07	12.90	0.12	69.6	<2.0	<2.0	6,700	<3	<5.0	<50	200
ESC-RNB1	1	13.4	<0.05	22.40	9.47	42.00	<0.05	11.60	0.06	73.8	<2.0	<2.0	3,300	<3	<5.0	<50	300
	2	13.3	<0.05	22.70	10.00	42.80	<0.05	11.70	0.06	77.0	<2.0	<2.0	3,400	<3	<5.0	<50	<100
ESC-RMA	1	13.9	0.12	31.60	33.30	38.90	0.11	18.60	0.26	88.8	<2.0	<2.0	7,800	<3	<5.0	<50	120
	2	12.5	0.10	28.60	29.80	34.50	0.10	16.10	0.21	82.2	<20.0	<20.0	7,900	<30	<5.0	<50	150
ESC-RMB	1	10.7	0.07	25.20	15.50	30.00	0.06	14.80	0.08	57.2	<2.0	<2.0	6,000	<3	<5.0	<50	<100
	2	9.0	0.05	21.00	14.70	26.10	0.06	11.80	0.09	48.4	<2.0	<2.0	5,300	<3	<5.0	<50	<100
ESC-RCA1	1	5.0	<0.05	14.00	9.38	15.10	<0.05	6.74	0.07	31.2	<2.0	<2.0	3,500	<3	<5.0	<50	<100
	2	5.2	<0.05	13.30	9.03	16.30	0.08	6.80	0.06	32.2	<2.0	<2.0	3,200	<3	<5.0	<50	<100
ESC-RCB1	1	8.3	<0.05	19.70	14.40	21.70	0.07	9.82	0.10	46.1	<2.0	<2.0	5,200	<3	<5.0	<50	240
	2	6.9	<0.05	17.60	14.10	20.60	0.06	9.04	0.09	47.7	<2.0	<2.0	6,000	<3	<5.0	131	930
ESC-RFA	1	10.8	0.08	25.00	23.00	30.00	0.09	14.30	0.13	69.5	<20.0	<20.0	7,200	<30	<5.0	<50	340
	2	10.6	0.07	25.90	22.60	30.10	0.08	14.40	0.13	69.6	<2.0	<2.0	6,800	<3	<5.0	<50	310
ESC-RFB	1	13.7	0.07	30.00	22.90	38.80	0.12	18.30	0.12	76.1	<2.0	<2.0	9,600	<3	<5.0	<50	<100
	2	14.0	0.08	35.60	25.10	39.90	0.10	21.90	0.12	86.3	<2.0	<2.0	9,300	<3	<5.0	<50	<100
MW	1	10.9	0.11	33.70	34.60	43.80	0.10	18.90	0.52	92.2	<2.0	<2.0	7,700	<3	35	<50	<100
	2	11.1	0.11	31.60	32.30	35.70	0.09	17.50	0.57	80.2	<2.0	<2.0	7,000	<3	29	<50	<100

Note: Near-field stations (ESC-RNA, ESC-RNB1); Mid-field stations (ESC-RMA, ESC-RMB); Far-field stations (ESC-RFA, ESC-RFB); Capped Pit stations (ESC-RCA1, ESC-RCB1); Ma Wan station (MW).