

Cumulative Impact Sediment Chemistry at CMPs in Aug 2025

Working date: 8 Aug 2025		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs
Sampling Station	Replicate	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		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	9.5	0.08	27.80	21.20	32.90	0.07	14.70	0.14	72.8	<2.0	<2.0	5,700	<3	<5.0	<50	<100
	2	10.4	0.08	23.90	20.60	30.80	0.08	12.90	0.15	72.1	<2.0	<2.0	5,700	<3	<5.0	<50	120
ESC-RNB1	1	11.7	0.05	22.80	10.80	39.90	0.06	11.70	0.07	71.5	<2.0	<2.0	4,000	<3	<5.0	<50	<100
	2	13.0	<0.05	23.40	9.18	46.20	<0.05	11.60	0.06	79.1	<2.0	<2.0	3,600	<3	<5.0	<50	<100
ESC-RMA	1	11.6	0.09	32.80	26.50	35.20	0.09	16.80	0.18	78.7	<2.0	<2.0	7,300	<3	<5.0	<50	<100
	2	12.4	0.10	31.80	27.10	37.00	0.10	17.00	0.19	85.5	<2.0	<2.0	8,300	<3	<5.0	<50	160
ESC-RMB	1	10.3	0.09	28.40	16.10	34.20	0.06	15.50	<0.10	57.6	<2.0	<2.0	6,800	<3	<5.0	<50	<100
	2	9.5	0.08	25.60	16.50	31.30	0.08	14.10	<0.10	55.8	<2.0	<2.0	6,800	<3	<5.0	<50	<100
ESC-RCA1	1	3.8	<0.05	8.60	6.72	12.40	<0.05	5.06	0.06	27.7	<2.0	<2.0	1,500	<3	<5.0	<50	110
	2	4.0	<0.05	8.90	10.70	12.90	<0.05	4.61	0.05	27.9	<2.0	<2.0	1,900	<3	<5.0	<50	<100
ESC-RCB1	1	7.2	0.06	27.80	18.60	27.20	0.06	13.00	0.13	59.1	<2.0	<2.0	5,900	<3	<5.0	99	550
	2	8.0	0.06	24.80	18.60	26.70	0.08	12.10	0.14	60.9	<2.0	<2.0	5,700	<3	<5.0	77	370
ESC-RFA	1	9.1	0.07	27.40	22.30	28.50	0.08	13.30	0.13	64.6	<2.0	<2.0	6,500	<3	<5.0	<50	180
	2	9.6	0.06	31.00	22.80	29.50	0.08	15.80	0.12	70.7	<2.0	<2.0	6,500	<3	<5.0	77	390
ESC-RFB	1	12.8	0.08	34.60	23.50	39.00	0.10	19.90	0.12	81.8	<2.0	<2.0	9,800	<3	<5.0	<50	<100
	2	12.8	0.07	32.80	23.50	37.90	0.10	18.60	0.12	76.6	<2.0	<2.0	10,000	<3	<5.0	<50	<100
MW	1	9.5	0.10	37.40	44.40	40.90	0.11	19.10	0.55	106.0	<2.0	<2.0	9,300	<3	30	<50	<100
	2	9.5	0.09	38.40	41.20	42.70	0.12	20.20	0.54	111.0	<2.0	<2.0	9,500	<3	34	<50	140

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).