

Cumulative Impact Sediment Chemistry at CMPs in Feb 2025

Working date: 11 Feb 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	0.07	23.00	19.00	31.10	0.06	14.10	0.11	73.3	<2.0	<2.0	5,100	<3	<5.0	<50	180
	2	10.0	0.08	22.50	21.50	31.30	0.08	14.10	0.13	76.1	<2.0	<2.0	4,900	<3	<5.0	<50	240
ESC-RNB1	1	9.4	0.06	21.20	15.40	32.30	0.05	13.10	0.09	53.8	<2.0	<2.0	5,600	<3	<5.0	<50	<100
	2	9.9	0.06	22.30	15.50	30.40	0.06	14.00	0.08	57.4	<2.0	<2.0	5,200	<3	<5.0	<50	<100
ESC-RMA	1	12.1	0.10	28.20	29.80	35.80	0.10	17.30	0.20	83.6	<2.0	<2.0	6,400	<3	<5.0	<50	190
	2	12.1	0.10	31.20	30.40	37.30	0.09	18.40	0.18	88.4	<2.0	<2.0	6,600	<3	<5.0	<50	230
ESC-RMB	1	12.2	0.05	23.80	14.00	39.40	0.07	13.20	0.08	77.7	<2.0	<2.0	3,800	<3	<5.0	67	550
	2	11.9	<0.05	21.90	13.00	39.50	0.06	11.90	0.08	75.4	<2.0	<2.0	3,800	<3	<5.0	<50	660
ESC-RCA1	1	5.4	<0.05	16.40	10.20	20.20	<0.05	8.16	0.06	37.6	<2.0	<2.0	2,200	<3	<5.0	<50	170
	2	6.1	<0.05	21.60	13.30	22.40	0.06	10.90	0.07	44.5	<2.0	<2.0	2,400	<3	<5.0	<50	220
ESC-RCB1	1	6.1	0.05	17.50	12.50	19.90	0.08	11.20	0.09	46.6	<2.0	<2.0	3,500	<3	<5.0	<50	150
	2	6.3	0.06	19.40	12.60	22.00	0.06	11.60	0.10	49.5	<2.0	<2.0	3,400	<3	<5.0	<50	180
ESC-RFA	1	10.2	0.08	23.50	23.20	31.10	0.08	13.80	0.14	71.2	<2.0	<2.0	6,000	<3	<5.0	105	520
	2	10.8	0.08	24.60	23.20	31.50	0.08	15.20	0.13	76.8	<2.0	<2.0	6,200	<3	<5.0	84	400
ESC-RFB	1	12.7	0.08	31.90	26.50	41.50	0.09	20.70	0.12	91.1	<2.0	<2.0	8,800	<3	<5.0	<50	<100
	2	12.4	0.08	32.00	25.40	41.00	0.11	21.10	0.11	91.2	<2.0	<2.0	8,400	<3	<5.0	<50	<100
MW	1	10.4	0.10	33.60	37.00	41.00	0.12	20.30	0.46	103.0	<2.0	<2.0	8,000	<3	49	<50	<100
	2	9.6	0.10	28.60	37.40	38.80	0.11	17.40	0.45	95.2	<2.0	<2.0	8,100	<3	45	<50	120

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).