

Cumulative Impact Sediment Chemistry at CMPs in Feb 2024

Working date: 2 Feb 2024		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs
Reporting Limit	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
ESC-RNA	1	10.7	0.09	27.10	24.50	34.10	0.09	17.10	0.14	85.1	<2.0	<2.0	6,400	<3	<5.0	<50	190
	2	11.0	0.08	25.80	21.60	32.40	0.07	15.90	0.12	81.2	<2.0	<2.0	6,300	<3	<5.0	<50	380
ESC-RNB1	1	15.6	0.06	28.30	15.00	47.00	0.08	16.10	0.07	104.0	<2.0	<2.0	5,600	<3	<5.0	<50	150
	2	15.1	0.06	26.50	13.90	47.50	0.06	14.90	0.08	109.0	<2.0	<2.0	6,100	<3	<5.0	<50	180
ESC-RMA	1	13.4	0.11	30.00	31.20	36.20	0.10	18.70	0.19	86.9	<2.0	<2.0	7,500	<3	<5.0	<50	220
	2	12.9	0.11	28.90	29.40	36.50	0.10	18.00	0.17	85.6	<2.0	<2.0	7,600	<3	<5.0	<50	180
ESC-RMB	1	14.9	0.10	30.60	20.30	37.80	0.07	19.40	0.10	72.2	<2.0	<2.0	8,100	<3	<5.0	<50	<100
	2	14.9	0.11	36.30	22.80	41.70	0.07	23.00	0.10	85.7	<2.0	<2.0	9,100	<3	<5.0	<50	<100
ESC-RCA1	1	5.0	0.06	19.70	10.60	21.40	<0.05	13.40	0.08	49.0	<2.0	<2.0	16,000	<3	<5.0	<50	200
	2	5.6	0.07	21.90	12.50	22.30	<0.05	14.90	0.11	52.6	<2.0	<2.0	16,100	<3	<5.0	<50	150
ESC-RCB1	1	6.7	<0.05	12.90	11.20	19.90	0.05	7.67	0.07	40.1	<2.0	<2.0	16,800	<3	<5.0	139	780
	2	6.9	<0.05	14.50	12.00	20.80	0.05	8.62	0.09	45.0	<2.0	<2.0	17,800	<3	<5.0	63	440
ESC-RFA	1	11.6	0.07	23.20	23.60	28.30	0.08	13.60	0.12	68.2	<2.0	<2.0	6,300	<3	<5.0	190	1140
	2	11.9	0.08	24.80	23.70	28.90	0.08	14.70	0.12	69.0	<2.0	<2.0	6,700	<3	<5.0	61	370
ESC-RFB	1	13.8	0.08	33.40	25.90	40.20	0.09	21.70	0.12	88.0	<2.0	<2.0	10,400	<3	<5.0	<50	<100
	2	13.6	0.08	33.20	25.60	39.00	0.09	21.40	0.12	86.7	<2.0	<2.0	9,200	<3	<5.0	<50	<100
MW	1	10.8	0.11	38.20	51.80	43.90	0.12	22.10	1.02	109.0	<2.0	<2.0	9,500	<3	89	<50	120
	2	10.8	0.10	39.50	56.70	44.90	0.12	22.60	1.04	111.0	<2.0	<2.0	9,600	<3	95	<50	110

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).