

Cumulative Impact Sediment Chemistry at CMPs in Feb 2023

Working date: 2 Feb 2023		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	0.08	31.70	23.20	36.40	0.10	19.10	0.21	88.6	<2.0	<2.0	6,700	<3	<5.0	<50	<100
	2	13.4	0.11	37.80	28.00	39.70	0.08	23.30	0.18	107.0	<2.0	<2.0	7,200	<3	<5.0	89	<100
ESC-RNB1	1	15.4	0.06	36.30	15.40	44.30	0.07	20.00	0.09	95.3	<2.0	<2.0	8,900	<3	<5.0	<50	<100
	2	15.9	0.05	31.40	13.20	47.70	0.06	17.30	0.08	98.4	<2.0	<2.0	10,000	<3	<5.0	<50	210
ESC-RMA	1	11.9	0.09	35.50	26.60	35.10	0.09	20.80	0.17	90.2	<2.0	<2.0	8,700	<3	<5.0	<50	<100
	2	14.2	0.11	39.90	32.50	42.90	0.11	24.00	0.21	102.0	<2.0	<2.0	8,700	<3	<5.0	<50	<100
ESC-RMB	1	17.2	0.10	44.40	22.30	43.90	0.07	26.50	0.12	91.9	<2.0	<2.0	8,600	<3	<5.0	<50	<100
	2	13.9	0.10	52.00	22.20	43.00	0.07	28.90	0.11	95.1	<2.0	<2.0	8,500	<3	<5.0	<50	<100
ESC-RCA1	1	7.4	0.06	20.00	17.90	24.30	<0.05	11.60	0.09	49.1	<2.0	<2.0	15,900	<3	<5.0	<50	100
	2	6.8	<0.05	23.50	14.20	22.00	0.05	12.20	0.09	53.4	<2.0	<2.0	16,800	<3	<5.0	<50	130
ESC-RCB1	1	7.0	<0.05	21.40	9.81	20.60	<0.05	9.89	0.07	43.4	<2.0	<2.0	9,800	<3	<5.0	76	820
	2	5.7	<0.05	16.60	9.13	16.70	<0.05	9.47	0.28	39.8	<2.0	<2.0	10,100	<3	<5.0	<50	<100
ESC-RFA	1	13.2	0.07	37.90	25.30	35.30	0.09	21.60	0.15	92.2	<2.0	<2.0	7,200	<3	15	<50	130
	2	13.4	0.09	40.60	27.00	39.60	0.10	23.10	0.16	96.1	<2.0	<2.0	8,300	<3	14	<50	<100
ESC-RFB	1	16.0	0.08	58.10	28.70	47.70	0.12	31.90	0.14	110.0	<2.0	<2.0	10,500	<3	<5.0	<50	<100
	2	17.0	0.10	48.90	30.50	50.20	0.13	30.60	0.15	113.0	<2.0	<2.0	11,100	<3	<5.0	80	<100
MW	1	12.8	0.27	51.20	43.90	48.70	0.13	28.70	0.62	132.0	<2.0	<2.0	10,000	<3	44	<50	150
	2	11.8	0.12	48.70	40.00	43.00	0.11	26.60	0.57	114.0	<2.0	<2.0	9,700	<3	51	<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).