

Cumulative Impact Sediment Chemistry at CMPs in Jun 2023

Working date: 5 Jun 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	11.3	0.07	23.60	17.80	32.70	0.08	13.80	0.14	79.5	<2.0	<2.0	5,900	<3	<5.0	<50	240
	2	10.6	0.08	22.70	17.80	31.40	0.06	13.20	0.13	75.0	<2.0	<2.0	5,700	<3	<5.0	71	430
ESC-RNB1	1	12.7	<0.05	23.70	10.20	36.60	0.07	13.00	0.05	67.6	<2.0	<2.0	5,200	<3	<5.0	167	890
	2	12.5	<0.05	22.90	10.20	49.40	0.06	12.40	0.06	72.1	<2.0	<2.0	4,800	<3	<5.0	<50	210
ESC-RMA	1	13.6	0.09	28.40	27.40	38.30	0.11	17.60	0.16	83.0	<2.0	<2.0	7,400	<3	<5.0	<50	160
	2	14.6	0.09	31.60	30.10	41.00	0.12	19.80	0.18	91.3	<2.0	<2.0	8,100	<3	<5.0	<50	100
ESC-RMB	1	9.4	0.06	21.60	17.60	28.80	0.07	13.20	0.10	54.4	<2.0	<2.0	6,400	<3	<5.0	<50	<100
	2	9.7	0.07	23.40	15.90	30.40	0.07	14.50	0.09	58.9	<2.0	<2.0	7,700	<3	<5.0	<50	<100
ESC-RCA1	1	4.4	<0.05	10.80	10.50	13.30	<0.05	6.30	0.13	29.6	<2.0	<2.0	10,400	<3	<5.0	<50	150
	2	7.7	0.25	22.60	29.20	24.30	0.08	13.00	0.50	107.0	<2.0	<2.0	8,700	<3	<5.0	<50	120
ESC-RCB1	1	5.8	<0.05	12.30	10.10	17.90	<0.05	7.18	0.07	38.7	<2.0	<2.0	3,600	<3	<5.0	<50	340
	2	7.2	<0.05	14.20	11.30	21.40	<0.05	8.34	0.07	44.8	<2.0	<2.0	4,000	<3	<5.0	115	580
ESC-RFA	1	13.4	0.09	27.80	26.30	35.20	0.09	16.80	0.14	78.9	<2.0	<2.0	8,100	<3	<5.0	106	590
	2	13.2	0.08	28.40	26.90	36.20	0.10	17.40	0.15	80.0	<2.0	<2.0	8,300	<3	<5.0	72	470
ESC-RFB	1	15.5	0.11	34.00	28.10	43.10	0.11	21.70	0.13	90.2	<2.0	<2.0	10,000	<3	<5.0	<50	<100
	2	15.6	0.08	36.10	28.10	44.30	0.10	23.10	0.13	92.8	<2.0	<2.0	10,400	<3	<5.0	<50	<100
MW	1	14.4	0.16	41.10	42.40	47.30	0.10	24.80	0.80	108.0	<2.0	<2.0	9,300	<3	73	<50	140
	2	13.6	0.15	39.40	37.80	43.20	0.10	23.80	0.66	101.0	<2.0	<2.0	8,200	<3	60	<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).