

Cumulative Impact Sediment Chemistry at CMPs in Dec 2023

Working date: 5 Dec 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	10.8	0.07	23.50	19.50	32.20	0.07	14.40	0.13	75.3	<2.0	<2.0	5,200	<3	<5.0	86	450
	2	10.6	0.07	21.60	19.40	29.20	0.07	13.20	0.11	68.2	<2.0	<2.0	5,900	<3	<5.0	104	580
ESC-RNB1	1	14.8	0.08	26.60	18.00	39.20	0.14	15.90	0.09	73.6	<2.0	<2.0	5,400	<3	<5.0	<50	160
	2	14.0	0.08	26.20	18.70	37.40	0.13	15.90	0.10	71.0	<2.0	<2.0	5,700	<3	<5.0	<50	<100
ESC-RMA	1	12.8	0.11	27.90	29.70	35.10	0.10	18.00	0.19	82.9	<2.0	<2.0	7,100	<3	<5.0	<50	130
	2	13.8	0.12	30.20	31.00	36.20	0.09	19.80	0.20	89.0	<2.0	<2.0	7,400	<3	<5.0	<50	150
ESC-RMB	1	11.4	0.07	23.30	17.20	30.70	0.06	15.00	0.09	59.4	<2.0	<2.0	5,700	<3	<5.0	<50	<100
	2	11.4	0.08	23.70	17.80	30.70	0.06	15.40	0.09	59.8	<2.0	<2.0	6,200	<3	<5.0	<50	<100
ESC-RCA1	1	5.2	0.07	9.90	9.17	16.20	<0.05	6.37	0.09	33.1	<2.0	<2.0	14,800	<3	<5.0	<50	200
	2	4.8	0.07	11.80	8.96	17.10	<0.05	7.74	0.09	34.7	<2.0	<2.0	13,000	<3	<5.0	<50	<100
ESC-RCB1	1	8.0	0.05	15.40	15.20	25.40	0.06	10.10	0.17	47.8	<2.0	<2.0	10,300	<3	<5.0	238	1180
	2	7.1	<0.05	13.50	14.90	22.20	0.05	9.23	0.08	43.3	<2.0	<2.0	8,900	<3	<5.0	191	990
ESC-RFA	1	12.3	0.08	25.60	25.60	32.90	0.22	15.80	0.14	77.2	<2.0	<2.0	7,300	<3	<5.0	89	520
	2	13.0	0.08	27.30	27.50	35.00	0.14	17.20	0.16	82.6	<2.0	<2.0	6,700	<3	<5.0	108	630
ESC-RFB	1	13.6	0.07	32.20	25.40	38.30	0.10	21.60	0.13	86.3	<2.0	<2.0	8,900	<3	<5.0	<50	<100
	2	14.3	0.07	38.30	25.70	39.40	0.10	25.30	0.12	94.2	<2.0	<2.0	9,300	<3	<5.0	<50	<100
MW	1	10.6	0.10	42.70	51.00	45.50	0.14	25.50	1.15	110.0	<2.0	<2.0	8,700	<3	44	<50	<100
	2	10.2	0.11	33.10	41.20	40.10	0.11	20.50	0.89	92.7	<2.0	<2.0	7,800	<3	50	<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).