

Cumulative Impact Sediment Chemistry at CMPs in Aug 2024

Working date: 6 Aug 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	10.1	0.08	23.20	20.80	32.40	0.07	14.50	0.13	77.9	<2.0	<2.0	5,600	<3	<5.0	<50	490
	2	10.1	0.09	21.70	19.40	31.70	0.07	13.20	0.13	74.9	<2.0	<2.0	5,600	<3	<5.0	<50	220
ESC-RNB1	1	13.8	<0.05	22.20	11.30	46.40	<0.05	12.10	0.08	82.6	<2.0	<2.0	5,100	<3	<5.0	<50	170
	2	12.5	<0.05	21.40	10.70	43.90	<0.05	11.90	0.07	79.6	<2.0	<2.0	5,400	<3	<5.0	<50	340
ESC-RMA	1	13.6	0.12	29.30	31.10	38.70	0.11	18.70	0.20	87.9	<2.0	<2.0	7,100	<3	<5.0	<50	<100
	2	13.1	0.11	28.00	29.80	37.10	0.10	17.90	0.18	86.6	<2.0	<2.0	7,300	<3	<5.0	<50	110
ESC-RMB	1	9.1	0.07	22.20	14.30	29.80	<0.05	14.10	0.07	54.7	<2.0	<2.0	5,900	<3	<5.0	<50	<100
	2	8.6	0.06	21.00	16.40	27.60	0.06	13.20	0.10	56.7	<2.0	<2.0	5,000	<3	<5.0	<50	<100
ESC-RCA1	1	5.2	<0.05	10.30	8.87	16.30	<0.05	6.09	0.06	40.9	<2.0	<2.0	13,100	<3	<5.0	<50	<100
	2	5.2	<0.05	10.40	7.92	15.20	<0.05	6.09	0.06	30.1	<2.0	<2.0	14,000	<3	<5.0	<50	<100
ESC-RCB1	1	10.0	0.06	22.20	19.40	31.00	0.07	13.70	0.14	66.2	<2.0	<2.0	12,900	<3	<5.0	110	650
	2	9.2	0.05	17.90	17.50	28.70	0.06	11.20	0.11	56.4	<2.0	<2.0	12,800	<3	<5.0	114	500
ESC-RFA	1	11.5	0.08	25.40	26.80	33.90	0.09	15.60	0.15	75.7	<2.0	<2.0	7,600	<3	<5.0	121	580
	2	11.2	0.08	25.50	27.40	33.00	0.08	15.70	0.14	76.1	<2.0	<2.0	7,200	<3	<5.0	144	780
ESC-RFB	1	14.3	0.09	38.40	27.90	45.50	0.10	25.30	0.14	101.0	<2.0	<2.0	10,800	<3	<5.0	<50	<100
	2	15.0	0.09	36.50	27.70	44.20	0.10	24.20	0.13	98.4	<2.0	<2.0	10,100	<3	<5.0	<50	<100
MW	1	11.1	0.12	35.20	39.90	50.80	0.10	21.50	0.68	103.0	<2.0	<2.0	8,500	<3	202	<50	<100
	2	11.7	0.12	39.50	40.90	45.70	0.09	24.20	0.61	110.0	<2.0	<2.0	8,800	<3	214	<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).