

Cumulative Impact Sediment Chemistry at CMPs in Aug 2023

Working date: 3 Aug 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	11.0	0.09	25.00	23.60	31.80	0.09	15.10	0.18	76.1	<2.0	<2.0	5,200	<3	<5.0	<50	100
	2	10.5	0.09	23.40	22.70	30.60	0.08	14.20	0.16	72.0	<2.0	<2.0	5,200	<3	<5.0	<50	<100
ESC-RNB1	1	13.6	<0.05	23.80	9.21	43.30	0.05	12.60	<0.05	83.6	<2.0	<2.0	3,400	<3	<5.0	<50	<100
	2	14.3	<0.05	23.00	7.82	46.40	<0.05	12.20	<0.05	86.7	<2.0	<2.0	3,000	<3	<5.0	<50	<100
ESC-RMA	1	15.0	0.14	34.00	37.70	39.60	0.10	20.60	0.27	97.1	<2.0	<2.0	7,400	<3	<5.0	<50	<100
	2	15.9	0.15	35.50	39.40	42.20	0.12	21.60	0.28	105.0	<2.0	<2.0	8,300	<3	<5.0	<50	170
ESC-RMB	1	12.7	0.07	25.70	19.30	31.70	0.06	15.80	0.11	76.4	<2.0	<2.0	5,500	<3	<5.0	<50	<100
	2	10.2	0.07	27.50	16.40	35.60	0.06	14.00	0.10	64.0	<2.0	<2.0	5,400	<3	<5.0	<50	<100
ESC-RCA1	1	7.0	<0.05	12.60	9.16	17.90	<0.05	7.44	0.06	40.0	<2.0	<2.0	2,800	<3	<5.0	<50	<100
	2	4.3	<0.05	11.20	8.30	14.60	<0.05	6.80	0.06	32.2	<2.0	<2.0	2,600	<3	46	<50	<100
ESC-RCB1	1	7.4	<0.05	15.20	11.80	24.80	0.05	8.65	0.08	47.0	<2.0	<2.0	4,500	<3	<5.0	90	550
	2	7.3	<0.05	14.20	12.10	21.70	<0.05	8.07	0.08	45.9	<2.0	<2.0	3,800	<3	<5.0	56	430
ESC-RFA	1	13.2	0.09	29.30	27.20	36.00	0.10	17.60	0.16	83.8	<2.0	<2.0	7,200	<3	<5.0	<50	240
	2	14.6	0.10	30.20	28.20	37.20	0.10	17.60	0.15	87.2	<2.0	<2.0	7,700	<3	<5.0	<50	280
ESC-RFB	1	16.1	0.09	38.80	30.10	45.40	0.12	24.60	0.14	103.0	<2.0	<2.0	9,700	<3	<5.0	<50	<100
	2	15.5	0.09	41.20	29.80	45.20	0.11	26.20	0.13	105.0	<2.0	<2.0	8,800	<3	<5.0	<50	<100
MW	1	10.4	0.11	34.80	43.80	39.70	0.11	20.60	0.55	108.0	<2.0	<2.0	8,200	<3	78	<50	110
	2	11.1	0.13	35.70	41.00	42.30	0.12	21.40	0.64	107.0	<2.0	<2.0	7,900	<3	98	<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).