

Cumulative Impact Sediment Chemistry at CMPs in Aug 2022

Working date: 18 Aug 2022		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn	T-DDT	4,4'-DDE	TOC	PCBs	TBT	LowMW PAHs	HighMW PAHs
Sampling Station	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
Reporting Limit		0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	2.0	2.0	500	3.0	5	50	100
ESC-RNA	1	10.6	0.09	21.90	22.00	34.20	0.07	14.00	0.16	77.5	<2.0	<2.0	6,200	<3	<5.0	<50	130
	2	10.7	0.10	21.10	21.60	32.70	0.07	13.60	0.16	74.6	<2.0	<2.0	5,800	<3	<5.0	<50	<100
ESC-RNB1	1	15.5	0.07	24.30	18.40	42.00	0.10	14.50	0.10	80.8	<2.0	<2.0	5,400	<3	<5.0	<50	<100
	2	13.0	0.08	19.80	15.00	38.00	0.08	11.80	0.10	68.4	<2.0	<2.0	6,900	<3	<5.0	<50	<100
ESC-RMA	1	12.3	0.10	23.80	27.20	37.00	0.10	15.00	0.17	81.2	<2.0	<2.0	6,700	<3	<5.0	<50	150
	2	12.8	0.11	23.90	26.40	38.00	0.09	15.20	0.17	81.4	<2.0	<2.0	6,700	<3	<5.0	<50	<100
ESC-RMB	1	13.0	0.12	27.20	20.00	39.10	0.07	18.10	0.12	76.3	<2.0	<2.0	7,200	<3	<5.0	<50	<100
	2	13.2	0.10	27.10	19.60	37.00	0.06	17.20	0.10	74.4	<2.0	<2.0	7,100	<3	<5.0	<50	<100
ESC-RFA	1	11.2	0.09	20.80	21.30	33.10	0.07	13.10	0.16	72.6	<2.0	<2.0	5,400	<3	12	<50	<100
	2	11.4	0.07	21.00	21.50	31.30	0.08	12.70	0.13	70.0	<2.0	<2.0	6,300	<3	12	<50	<100
ESC-RFB	1	14.4	0.10	27.10	25.40	42.50	0.11	18.20	0.14	83.7	<2.0	<2.0	8,900	<3	<5.0	<50	<100
	2	14.5	0.08	29.80	25.90	43.30	0.10	20.30	0.13	87.5	<2.0	<2.0	8,200	<3	<5.0	<50	<100
ESC-RCA1	1	15.7	0.10	24.10	18.60	37.10	0.11	14.20	0.09	66.9	<2.0	<2.0	6,200	<3	<5.0	<50	<100
	2	16.3	0.09	22.30	18.40	37.20	0.14	13.20	0.08	58.8	<2.0	<2.0	6,100	<3	<5.0	<50	<100
ESC-RCB1	1	6.2	<0.05	11.20	10.10	18.80	0.06	7.31	0.07	42.9	<2.0	<2.0	3,100	<3	7	<50	<100
	2	5.5	0.05	10.70	8.91	17.30	<0.05	6.46	0.07	37.0	<2.0	<2.0	4,100	<3	8	<50	<100
MW	1	10.6	0.11	34.90	51.60	47.00	0.13	21.40	1.17	108.0	<2.0	<2.0	8,600	<3	88	<50	<100
	2	10.8	0.11	35.10	50.90	45.30	0.12	20.50	1.02	107.0	<2.0	<2.0	8,400	<3	87	<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).