

Cumulative Impact Sediment Chemistry at CMPs in Dec 2022

Working date: 5 Dec 2022		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	12.7	0.10	43.60	25.70	38.10	0.08	23.50	0.18	109.0	<2.0	<2.0	6,500	<3	<5.0	<50	<100
	2	12.5	0.10	41.10	23.80	37.00	0.07	21.50	0.18	103.0	<2.0	<2.0	5,600	<3	<5.0	<50	160
ESC-RNB1	1	16.6	0.05	34.30	13.30	53.00	0.06	18.60	0.06	101.0	<2.0	<2.0	4,400	<3	<5.0	<50	<100
	2	15.8	0.06	37.60	14.20	45.50	0.06	19.70	0.08	101.0	<2.0	<2.0	4,800	<3	<5.0	<50	<100
ESC-RMA	1	17.1	0.15	58.80	40.50	46.50	0.12	31.80	0.27	135.0	<2.0	<2.0	8,700	<3	<5.0	<50	<100
	2	17.3	0.15	48.90	42.90	47.60	0.22	30.20	0.32	133.0	<2.0	<2.0	9,000	<3	<5.0	<50	<100
ESC-RMB	1	11.5	0.08	35.40	17.70	36.00	0.06	20.70	0.09	72.7	<2.0	<2.0	6,500	<3	<5.0	<50	<100
	2	12.1	0.08	46.40	19.00	39.00	0.06	26.60	0.08	86.8	<2.0	<2.0	7,000	<3	<5.0	<50	<100
ESC-RCA1	1	5.1	<0.05	16.00	9.77	18.00	<0.05	8.49	0.06	37.8	<2.0	<2.0	2,800	<3	<5.0	<50	<100
	2	4.3	<0.05	15.40	7.53	14.50	<0.05	8.40	0.05	33.7	<2.0	<2.0	2,600	<3	<5.0	<50	<100
ESC-RCB1	1	6.0	<0.05	20.70	10.80	18.80	0.06	10.90	0.08	63.4	<2.0	<2.0	3,300	<3	<5.0	<50	140
	2	6.7	<0.05	18.30	10.80	20.20	<0.05	10.60	0.07	44.4	<2.0	<2.0	3,200	<3	<5.0	<50	<100
ESC-RFA	1	11.1	0.08	29.90	24.20	32.60	0.09	18.10	0.13	77.6	<2.0	<2.0	7,100	<3	<5.0	<50	230
	2	13.6	0.10	36.40	29.00	36.20	0.08	21.60	0.14	90.2	<2.0	<2.0	7,400	<3	<5.0	<50	220
ESC-RFB	1	15.8	0.09	61.40	31.80	47.00	0.17	33.50	0.14	118.0	<2.0	<2.0	9,500	<3	<5.0	<50	<100
	2	15.5	0.10	56.50	30.20	44.90	0.10	31.50	0.13	112.0	<2.0	<2.0	9,300	<3	<5.0	<50	<100
MW	1	12.6	0.11	48.50	47.60	48.20	0.12	27.80	0.65	131.0	<2.0	<2.0	10,000	<3	34	<50	140
	2	11.2	0.09	56.10	38.50	45.40	0.11	28.40	0.37	122.0	<2.0	<2.0	9,900	<3	30	<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).