

Cumulative Impact Sediment Chemistry at CMPs in Dec 2024

Working date: 4 Dec 2024		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	9.3	0.06	18.20	17.20	27.50	0.07	11.30	0.12	67.3	<2.0	<2.0	5,500	<3	<5.0	<50	180
	2	10.4	0.07	26.70	19.60	32.00	0.07	15.50	0.13	80.1	<2.0	<2.0	5,600	<3	<5.0	<50	210
ESC-RNB1	1	11.6	<0.05	21.00	10.10	38.70	0.06	10.40	0.07	72.2	<2.0	<2.0	3,600	<3	<5.0	<50	240
	2	12.0	<0.05	19.60	9.36	41.80	<0.05	11.10	0.06	75.4	<2.0	<2.0	3,600	<3	<5.0	<50	170
ESC-RMA	1	12.8	0.10	27.30	28.50	36.30	0.09	17.50	0.19	86.1	<2.0	<2.0	7,300	<3	<5.0	<50	150
	2	12.4	0.10	28.60	30.10	36.30	0.10	17.70	0.20	86.5	<2.0	<2.0	7,000	<3	<5.0	<50	120
ESC-RMB	1	9.8	0.07	22.30	15.30	30.60	0.06	14.50	0.08	58.2	<2.0	<2.0	6,200	<3	<5.0	<50	<100
	2	8.8	0.06	21.20	15.30	27.90	0.06	13.00	0.09	55.3	<2.0	<2.0	5,500	<3	<5.0	<50	<100
ESC-RCA1	1	4.6	<0.05	13.30	10.20	17.10	<0.05	8.34	0.11	39.2	<2.0	<2.0	2,700	<3	13	<50	<100
	2	4.5	0.06	12.90	9.59	14.60	<0.05	8.16	0.10	43.6	<2.0	<2.0	2,400	<3	12	<50	<100
ESC-RCB1	1	6.3	<0.05	14.40	12.10	21.60	0.05	8.60	0.09	47.3	<2.0	<2.0	3,600	<3	<5.0	164	850
	2	6.3	<0.05	14.80	12.90	21.40	0.05	8.95	0.09	47.6	<2.0	<2.0	3,900	<3	<5.0	117	630
ESC-RFA	1	10.4	0.07	25.30	23.70	30.80	0.08	15.40	0.13	72.8	<2.0	<2.0	6,800	<3	<5.0	<50	280
	2	11.2	0.07	24.60	26.10	32.70	0.12	15.00	0.14	76.8	<2.0	<2.0	7,200	<3	<5.0	64	370
ESC-RFB	1	11.1	0.07	26.30	22.40	35.90	0.09	17.60	0.12	77.2	<2.0	<2.0	9,100	<3	<5.0	<50	<100
	2	13.0	0.08	33.60	26.60	41.50	0.10	22.50	0.12	96.4	<2.0	<2.0	9,500	<3	<5.0	<50	<100
MW	1	9.0	0.08	26.70	35.40	34.50	0.10	16.30	0.44	89.5	<2.0	<2.0	8,500	<3	192	<50	<100
	2	10.2	0.10	30.30	45.40	39.70	0.11	18.20	0.57	99.5	<2.0	<2.0	8,200	<3	191	<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).