

Sediment Chemistry after a Major Storm for ESC CMPs in July 2025

22/07/2025		As	Cd	Cr	Cu	Pb	Hg	Ni	Ag	Zn
Sampling Station	Replicate	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limits of Reporting (LOR)		0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2
ESC-RNA	1	10.3	0.08	25.70	22.50	30.40	0.08	14.50	0.16	70.7
	2	8.6	0.06	20.90	19.30	26.80	0.08	11.50	0.13	66.3
ESC-RNB1	1	11.1	<0.05	22.90	10.30	35.60	0.05	11.00	0.06	70.9
	2	10.8	<0.05	22.20	10.00	34.80	0.06	11.00	0.06	67.8
ESC-RMA	1	13.1	0.12	31.00	32.60	35.70	0.11	17.90	0.20	83.5
	2	13.7	0.11	37.60	34.10	37.20	0.10	21.40	0.20	89.5
ESC-RMB	1	10.3	0.07	27.70	17.90	31.10	0.07	16.20	0.10	60.3
	2	9.9	0.06	22.30	15.40	26.40	0.06	13.00	0.08	50.3
ESC-RCA1	1	5.2	<0.05	14.80	10.30	18.80	<0.05	8.00	0.09	38.0
	2	5.3	<0.05	17.80	11.00	19.10	<0.05	8.79	0.09	38.1
ESC-RCB1	1	7.8	0.05	21.00	22.20	25.00	0.07	11.30	0.12	55.9
	2	8.2	0.06	24.30	20.70	28.40	0.08	13.00	0.13	63.4
ESC-RFA	1	10.3	0.08	31.30	25.20	30.50	0.08	16.50	0.12	72.3
	2	10.2	0.07	27.80	23.70	27.90	0.08	14.50	0.12	65.6
ESC-RFB	1	12.5	0.08	38.00	27.50	40.40	0.10	22.90	0.13	89.8
	2	11.8	0.08	34.40	25.10	36.90	0.10	20.50	0.12	80.1
MW	1	8.8	0.08	32.50	36.20	34.00	0.10	18.30	0.34	89.4
	2	8.9	0.09	32.70	38.60	35.80	0.11	18.20	0.41	89.0

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).