

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

12/09/2025		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	8.8	0.07	22.40	16.70	27.70	0.06	11.60	0.13	65.6
	2	10.6	0.08	29.40	22.80	32.10	0.10	15.10	0.20	70.2
ESC-RNB1	1	11.9	<0.05	21.20	8.98	42.30	<0.05	10.30	0.07	70.5
	2	12.3	<0.05	22.40	8.94	44.80	<0.05	10.90	0.06	75.0
ESC-RMA	1	13.9	0.12	32.50	32.60	38.80	0.12	18.30	0.23	83.5
	2	14.4	0.12	35.10	36.20	41.50	0.14	19.10	0.25	89.7
ESC-RMB	1	10.6	0.07	27.70	18.50	31.90	0.09	16.10	0.10	58.2
	2	10.0	0.07	27.70	18.00	30.70	0.07	15.80	0.11	58.6
ESC-RCA1	1	4.5	<0.05	12.50	12.20	15.10	0.05	6.61	0.12	35.8
	2	5.1	<0.05	10.90	9.79	16.00	0.05	5.91	0.09	30.8
ESC-RCB1	1	6.7	<0.05	15.90	14.00	24.70	0.06	8.39	0.11	44.8
	2	6.6	<0.05	16.20	16.50	21.60	0.05	8.27	0.16	43.2
ESC-RFA	1	9.8	0.07	26.60	22.60	30.00	0.08	13.50	0.15	64.8
	2	10.9	0.08	30.30	27.60	33.60	0.09	15.80	0.15	75.1
ESC-RFB	1	12.3	0.09	34.70	25.10	41.00	0.10	20.00	0.13	82.4
	2	14.4	0.07	35.90	25.40	40.20	0.10	20.40	0.14	82.3
MW	1	10.3	0.09	34.10	51.50	38.60	0.10	17.30	0.87	82.0
	2	10.6	0.10	42.60	65.60	46.60	0.13	21.10	1.23	102.0

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).

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

26/09/2025		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	9.9	0.08	23.60	19.30	32.20	0.07	13.50	0.14	74.3
	2	10.3	0.08	23.00	23.00	31.00	0.07	16.60	0.17	77.9
ESC-RNB1	1	12.1	<0.05	22.40	10.10	41.60	0.05	11.30	0.07	87.5
	2	12.4	<0.05	22.00	9.68	42.10	0.05	11.20	0.06	88.9
ESC-RMA	1	12.2	0.10	29.50	31.40	34.50	0.10	16.60	0.23	78.2
	2	12.6	0.12	32.50	31.60	35.70	0.10	18.00	0.23	83.1
ESC-RMB	1	10.7	0.08	28.00	20.20	31.20	0.08	16.60	0.12	65.6
	2	11.1	0.07	26.90	19.70	29.70	0.07	15.40	0.12	63.0
ESC-RCA1	1	5.2	<0.05	12.40	10.00	15.40	<0.05	6.66	0.08	33.4
	2	5.4	<0.05	13.70	11.10	17.00	0.05	7.38	0.08	38.1
ESC-RCB1	1	8.0	0.06	21.70	17.70	25.50	0.06	11.80	0.12	60.2
	2	7.5	0.06	21.90	18.00	24.70	0.12	11.60	0.12	58.7
ESC-RFA	1	9.9	0.07	28.20	23.20	29.50	0.08	15.00	0.13	69.5
	2	10.6	0.07	33.40	26.70	31.70	0.08	17.80	0.14	77.1
ESC-RFB	1	12.8	0.08	36.30	29.70	40.20	0.13	22.10	0.30	92.9
	2	11.9	0.07	32.10	23.40	36.30	0.10	19.10	0.12	78.4
MW	1	9.8	0.08	40.10	40.70	41.60	0.10	22.40	0.44	108.0
	2	8.7	0.08	35.50	38.00	36.00	0.10	19.30	0.41	94.2

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).