Tung Chung New Town Extension (West)
Ecologically-related Water Quality Monitoring Results

Reporting Month: **Sep-2026**

Monitoring Station		RP1		RP2		RP4		PW1		PW3		PW4		PW5		PW6	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	12:10	12:10	11:35	11:35	10:05	10:05	12:30	12:30	09:25	09:25	12:55	12:55	11:00	11:00	10:25	10:25
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.4	0.4	0.5	0.5
Parameter																	
pH		5.8	5.9	5.8	5.8	8.2	8.2	5.8	5.8	7.1	7.1	5.5	5.5	6.1	6.3	5.8	5.9
Salinity	ppt	0.02	0.02	0.02	0.02	0.05	0.05	0.02	0.02	7.05	7.41	0.01	0.01	0.01	0.01	0.03	0.03
Temperature	°C	26.6	26.6	26.4	26.4	27.5	27.6	26.8	26.8	26.7	26.7	26.7	26.7	26.2	26.3	26.0	26.1
Turbidity	NTU	1.3	1.2	1.2	1.2	22.1	23.4	1.6	1.4	6.7	6.7	1.0	1.0	1.0	1.1	2.5	2.7
DO	mg/L	8.1	8.2	9.9	9.8	7.7	7.4	8.3	8.4	9.4	9.4	9.7	9.9	10.3	10.3	8.2	8.4
DO Saturation	%	101.4	102.0	122.9	121.6	97.0	93.9	103.8	104.5	122.0	122.3	121.1	123.1	126.9	127.6	100.6	103.7
Suspended Solids	mg/L	1.0	0.8	1.6	1.7	25.8	19.1	1.7	1.3	7.1	7.4	<0.5	<0.5	0.6	0.6	1.5	1.8
Ammonia as N	mg/L	<0.01	<0.01	0.04	0.04	0.27	0.29	0.05	0.04	0.16	0.16	<0.01	<0.01	0.04	0.04	0.08	0.09
Total Kjeldahl Nitrogen as N	mg/L	0.09	0.09	0.18	0.20	0.43	0.44	0.16	0.14	0.26	0.30	0.07	0.12	0.11	0.09	0.13	0.15
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.03	0.05	0.06	0.02	0.02	0.03	0.03	<0.01	<0.01	<0.01	<0.01	0.02	0.02
Escherichia coli	CFU/100mL	50	71	410	440	170	150	220	140	160	150	18	22	52	41	220	140
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	1.5
Chemical Oxygen Demand	mg/L	4	4	5	6	6	5	3	3	20	23	3	2	2	3	<2	<2
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Ecological Monitoring at the monitoring station RP3 and PW2 were suspended since March 2023 with the commencement of temporary river diversion in Tung Chung Stream.