

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

Reporting Month: Jan-2026

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	11:25	11:25	10:45	10:45	09:50	09:50	11:55	11:55	09:10	09:10
Weather	-	Sunny									
Sampling Depth	m	0.3	0.3	0.2	0.2	0.4	0.4	0.3	0.3	0.5	0.5
Parameter											
pH		7.2	7.2	7.4	7.1	9.2	9.1	7.0	6.9	7.5	7.4
Salinity	ppt	0.02	0.02	0.04	0.04	0.19	0.22	0.04	0.04	33.61	33.30
Temperature	°C	18.1	18.1	18.3	18.1	17.4	17.5	18.0	18.0	20.2	20.1
Turbidity	NTU	0.6	0.7	1.0	1.0	1.9	2.0	2.5	2.5	3.5	3.7
DO	mg/L	9.4	9.8	9.0	7.8	11.8	12.1	7.6	7.4	5.1	5.4
DO Saturation	%	99.1	103.3	95.3	82.9	123.1	126.4	80.5	77.9	69.0	72.8
Suspended Solids	mg/L	<0.5	<0.5	5.5	2.2	2.9	2.7	1.0	1.3	2.2	7.5
Ammonia as N	mg/L	<0.01	<0.01	<0.01	<0.01	0.66	0.70	<0.01	<0.01	0.13	0.11
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.05	0.14	0.15	0.71	0.71	0.06	0.07	0.29	0.26
Total Phosphorus as P	mg/L	<0.01	<0.01	0.05	0.05	0.11	0.09	<0.01	<0.01	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	13	13	86	81	130	140	32	41	45	42
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.3	1.1	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	<2	<2	<2	<2	6	5	<2	<2	<2	<2
Oil & Grease	mg/L	<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.