

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

Reporting Month: May-2026

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:55	09:55	10:40	10:40	11:10	11:10	10:20	10:20	11:55	11:55
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.5	0.5
Parameter											
pH		7.8	8.0	6.8	6.9	9.2	9.7	7.5	7.5	7.0	7.3
Salinity	ppt	0.02	0.02	0.04	0.04	0.08	0.08	0.02	0.02	7.45	8.95
Temperature	°C	27.1	27.1	27.9	27.9	30.2	30.1	27.8	27.8	31.1	31.1
Turbidity	NTU	1.3	1.3	1.5	1.5	3.6	3.5	1.8	1.6	5.7	5.8
DO	mg/L	8.3	8.2	8.2	8.0	7.5	7.3	8.3	8.2	8.2	7.9
DO Saturation	%	104.0	103.5	104.5	102.3	99.1	97.2	106.1	104.2	115.6	112.4
Suspended Solids	mg/L	0.5	1.5	0.6	0.6	5.3	5.3	0.8	1.2	6.3	18.4
Ammonia as N	mg/L	<0.01	<0.01	0.05	0.07	0.33	0.28	<0.01	0.01	0.11	0.10
Total Kjeldahl Nitrogen as N	mg/L	0.09	0.14	0.19	0.17	0.56	0.56	0.08	0.09	0.38	0.41
Total Phosphorus as P	mg/L	<0.01	<0.01	0.05	0.05	0.05	0.05	<0.01	<0.01	0.05	0.05
<i>Escherichia coli</i>	CFU/100mL	95	96	380	340	1	<1	100	140	61	91
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
Chemical Oxygen Demand	mg/L	4	3	4	4	7	7	3	4	<20	<20
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.