

Tung Chung New Town Extension (West)

Ecologically-related Water Quality Monitoring Results

Reporting Month: Jun-2026

Monitoring Station		RP1		RP2		RP4		PW1		PW3		PW6	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:10	09:10	10:05	10:05	10:45	10:45	09:40	09:40	11:55	11:55	11:10	11:10
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.4	0.4	0.3	0.3	0.5	0.5	0.3	0.3	0.5	0.5	0.6	0.6
Parameter													
pH		7.9	8.1	6.6	6.6	9.0	9.0	7.0	7.3	6.6	6.7	7.2	6.7
Salinity	ppt	0.01	0.01	0.02	0.02	0.04	0.04	0.01	0.01	2.13	2.31	0.03	0.03
Temperature	°C	26.5	26.5	27.1	27.1	28.5	28.5	26.7	26.7	29.3	29.3	27.7	27.5
Turbidity	NTU	2.9	2.9	8.2	8.6	12.6	12.5	2.6	2.5	5.9	6.0	2.5	2.7
DO	mg/L	7.1	7.3	8.1	8.0	7.1	8.3	8.3	8.5	8.1	7.9	9.0	8.4
DO Saturation	%	88.2	90.3	101.3	101.1	91.4	107.1	104.2	105.6	107.7	104.9	113.8	106.3
Suspended Solids	mg/L	0.6	1.0	9.1	9.0	11.1	10.0	1.2	1.0	4.9	4.4	1.1	1.1
Ammonia as N	mg/L	<0.01	<0.01	0.05	0.04	0.16	0.14	0.02	<0.01	0.04	0.04	0.03	0.06
Total Kjeldahl Nitrogen as N	mg/L	<0.05	0.18	0.17	0.12	0.36	0.38	0.05	<0.05	0.26	0.25	0.13	0.11
Total Phosphorus as P	mg/L	0.01	0.01	0.03	0.03	0.05	0.04	<0.01	0.02	0.04	0.04	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	100	140	1500	1600	1400	1100	120	120	200	130	150	170
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	1.1	1.2	<1.0	<1.0	<1.0	<1.0	1.4	1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	3	3	3	3	5	5	5	4	16	17	4	2
Oil & Grease	mg/L	<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.