

Tung Chung New Town Extension (West)

Ecologically-related Water Quality Monitoring Results

Reporting Month: Jul-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	-	09:20	09:20	10:10	10:10	10:50	10:50	09:45	09:45	11:55	11:55	11:20	11:20
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5
Parameter													
pH		7.4	7.4	7.7	7.3	7.5	7.1	7.8	7.3	6.9	6.9	8.1	8.2
Salinity	ppt	0.02	0.02	0.02	0.02	0.04	0.04	0.02	0.02	0.08	0.08	0.02	0.02
Temperature	°C	25.6	25.6	26.3	26.3	27.2	27.2	25.9	26.0	27.5	27.5	26.5	26.5
Turbidity	NTU	4.1	4.2	5.6	5.7	15.1	14.1	5.2	5.2	12.5	12.3	5.8	5.6
DO	mg/L	8.5	8.5	8.4	8.3	8.4	8.6	9.3	9.2	7.8	7.4	10.0	10.1
DO Saturation	%	104.3	104.3	104.4	102.3	105.4	108.7	114.1	113.0	98.5	93.1	123.9	125.4
Suspended Solids	mg/L	1.3	1.4	1.8	1.7	5.8	6.1	1.3	1.2	5.5	6.5	2.3	3.0
Ammonia as N	mg/L	<0.01	0.02	0.02	0.02	0.08	0.07	<0.01	<0.01	0.09	0.08	0.04	0.04
Total Kjeldahl Nitrogen as N	mg/L	0.05	<0.05	0.11	0.10	0.21	0.22	0.07	0.05	0.17	0.17	0.14	0.08
Total Phosphorus as P	mg/L	<0.01	<0.01	0.02	0.02	0.03	0.03	<0.01	<0.01	0.02	0.02	0.02	0.01
<i>Escherichia coli</i>	CFU/100mL	240	230	1200	1400	1700	1500	140	130	400	360	320	200
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.4	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	6	6	2	3	6	6	3	3	6	7	3	4
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.