

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

**Reporting Month: Feb-2026**

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	10:55	10:55	10:20	10:20	09:50	09:50	11:20	11:20	09:10	09:10
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.3
Parameter											
pH		7.4	7.5	7.3	7.6	9.3	9.3	7.1	7.1	7.6	7.7
Salinity	ppt	0.02	0.02	0.04	0.05	0.12	0.10	0.02	0.02	33.63	34.49
Temperature	°C	18.9	18.9	18.8	19.0	18.5	18.5	19.1	19.1	20.5	20.7
Turbidity	NTU	0.6	0.6	0.9	0.9	1.5	1.6	0.7	0.6	2.1	2.0
DO	mg/L	11.6	12.8	11.1	11.7	10.6	10.3	10.5	10.6	5.6	5.3
DO Saturation	%	125.4	137.6	118.7	126.4	113.0	109.5	112.9	114.5	76.3	71.7
Suspended Solids	mg/L	<0.5	<0.5	4.2	3.0	1.6	1.7	1.2	0.9	2.0	1.1
Ammonia as N	mg/L	<0.01	0.02	<0.01	<0.01	0.10	0.06	0.02	<0.01	<0.01	<0.01
Total Kjeldahl Nitrogen as N	mg/L	<0.05	0.05	0.11	0.10	0.27	0.28	0.08	0.07	0.22	0.18
Total Phosphorus as P	mg/L	<0.01	<0.01	0.05	0.04	0.05	0.05	<0.01	<0.01	0.01	<0.01
<i>Escherichia coli</i>	CFU/100mL	20	30	88	60	120	140	29	25	24	23
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.1	1.1	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	2	3	3	3	4	5	<2	<2	<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.