

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

Reporting Month: Mar-2026

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:58	09:58	10:45	10:45	11:24	11:24	10:20	10:20	13:16	13:16
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	0.2	0.2	0.3	0.3
Parameter											
pH		8.0	8.0	7.2	7.1	9.9	9.9	7.7	7.6	8.4	8.4
Salinity	ppt	0.07	0.06	0.05	0.05	0.11	0.11	0.02	0.02	33.45	33.57
Temperature	°C	20.6	20.6	20.9	20.9	22.4	22.4	20.7	20.7	24.8	24.8
Turbidity	NTU	1.1	1.1	2.3	2.3	5.8	5.7	1.5	1.7	3.0	3.1
DO	mg/L	11.0	10.8	7.5	7.4	10.4	10.3	9.4	9.2	7.8	7.7
DO Saturation	%	122.9	120.5	84.3	83.0	119.7	119.0	105.2	102.8	113.1	112.7
Suspended Solids	mg/L	<0.5	<0.5	1.7	1.7	5.0	5.0	0.9	1.0	10.2	7.3
Ammonia as N	mg/L	<0.01	<0.01	<0.01	<0.01	0.53	0.54	<0.01	<0.01	0.10	0.09
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.09	0.12	0.11	0.81	0.81	<0.05	<0.05	0.38	0.41
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.03	0.07	0.07	<0.01	<0.01	0.03	0.03
<i>Escherichia coli</i>	CFU/100mL	53	63	100	110	16	19	33	40	37	52
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	1.9	2.3	2	2.1	<1.0	<1.0	1.5	1.4
Chemical Oxygen Demand	mg/L	2	2	4	2	7	9	<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.