

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

Reporting Month:		May-2025									
Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:15	09:15	10:05	10:05	10:45	10:45	09:40	09:40	11:25	11:25
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Drizzle	Drizzle	Sunny	Sunny
Sampling Depth	m	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.5	0.5
Parameter											
pH		7.9	7.7	7.2	7.2	9.6	9.6	7.2	7.2	7.5	7.6
Salinity	ppt	0.03	0.03	0.05	0.05	0.11	0.10	0.03	0.03	16.69	17.29
Temperature	°C	27.2	27.3	27.5	27.5	29.7	29.7	27.5	27.5	30.4	30.4
Turbidity	NTU	1.1	1.0	2.3	2.2	9.6	9.7	6.2	5.9	8.7	8.3
DO	mg/L	5.6	5.4	6.2	5.9	7.7	7.6	6.8	6.9	5.9	6.5
DO Saturation	%	70.6	67.9	78.6	74.8	101.4	100.0	86.0	87.2	86.5	94.6
Suspended Solids	mg/L	<0.5	<0.5	2.9	5.0	12.9	12.0	1.4	1.2	5.4	6.5
Ammonia as N	mg/L	0.01	0.01	0.02	0.01	0.10	0.11	0.12	0.09	0.12	0.12
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.08	0.21	0.19	0.44	0.42	0.25	0.23	0.35	0.37
Total Phosphorus as P	mg/L	<0.01	<0.01	0.07	0.06	0.08	0.08	0.03	0.03	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	130	170	210	180	29	36	210	190	62	71
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.5	1.9	1.3	1.1	<1.0	<1.0
Chemical Oxygen Demand	mg/L	<2	<2	5	5	11	10	3	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.