

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

Reporting Month: Jun-2025		RP1		RP2		RP4		PW1		PW3	
Monitoring Station	Unit	1	2	1	2	1	2	1	2	1	2
Replicate											
Sampling Time	-	09:25	09:25	10:25	10:25	11:00	11:00	09:50	09:50	11:45	11:45
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Drizzle	Drizzle
Sampling Depth	m	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4
Parameter											
pH		7.6	7.4	6.6	6.7	9.1	9.0	7.0	6.9	7.7	7.4
Salinity	ppt	0.02	0.02	0.05	0.05	0.09	0.09	0.02	0.02	4.31	4.30
Temperature	°C	26.5	26.5	26.8	26.8	28.2	28.2	26.7	26.7	28.4	28.4
Turbidity	NTU	1.2	1.0	4.9	4.6	12.8	13.2	1.1	1.1	15.1	15.6
DO	mg/L	8.4	8.4	8.2	8.0	8.6	8.6	8.6	8.5	8.1	7.8
DO Saturation	%	104.2	104.0	101.9	100.4	110.6	110.0	106.7	105.6	107.2	102.3
Suspended Solids	mg/L	0.6	0.8	13.7	4.7	20.6	22.1	1.4	1.9	14.1	24.6
Ammonia as N	mg/L	<0.01	<0.01	0.06	0.06	0.26	0.31	<0.01	<0.01	0.14	0.14
Total Kjeldahl Nitrogen as N	mg/L	0.08	0.13	0.36	0.36	0.50	0.50	0.13	0.09	0.36	0.40
Total Phosphorus as P	mg/L	<0.01	<0.01	0.05	0.05	0.08	0.08	<0.01	<0.01	0.04	0.04
<i>Escherichia coli</i>	CFU/100mL	66	59	290	370	190	160	55	60	150	130
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.6	1.5	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	6	8	8	7	11	11	8	7	11	11
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.