

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

Reporting Month: Jul-2025		RP1		RP2		RP4		PW1		PW3	
Monitoring Station	Unit	1	2	1	2	1	2	1	2	1	2
Replicate											
Sampling Time	-	11:55	11:55	12:55	12:55	13:30	13:30	12:20	12:20	14:05	14:05
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
Parameter											
pH		7.9	7.9	7.6	7.6	9.1	9.2	7.5	7.5	7.9	7.7
Salinity	ppt	0.02	0.02	0.03	0.03	0.10	0.10	0.02	0.02	13.26	13.16
Temperature	°C	27.7	27.7	28.6	28.6	32.3	32.4	28.2	28.2	30.1	30.0
Turbidity	NTU	1.5	1.5	3.0	2.9	4.8	4.1	3.1	3.2	3.9	3.5
DO	mg/L	7.4	7.4	7.4	7.1	6.8	6.6	6.9	6.5	5.3	5.0
DO Saturation	%	94.2	93.6	95.8	91.3	93.8	90.7	88.2	83.7	75.1	70.8
Suspended Solids	mg/L	1.3	1.0	3.2	3.0	7.7	6.7	3.4	3.3	3.5	3.9
Ammonia as N	mg/L	0.04	0.02	0.04	0.04	0.13	0.12	0.15	0.14	0.13	0.13
Total Kjeldahl Nitrogen as N	mg/L	0.07	0.08	0.18	0.18	0.34	0.33	0.34	0.30	0.35	0.35
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.03	0.04	0.06	0.04	0.03	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	64	72	280	260	610	550	730	580	300	280
Biochemical Oxygen Demand	mg/L	1.7	1.2	1.0	<1.0	1.3	1.2	1.1	1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	5	4	6	6	7	9	7	7	<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.