

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

Reporting Month:		Oct-2025									
Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:00	09:00	09:55	09:55	10:35	10:35	09:30	09:30	11:15	11:15
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4
Parameter											
pH		7.2	7.1	6.6	6.9	7.1	7.1	6.9	6.9	8.3	8.2
Salinity	ppt	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	11.96	12.94
Temperature	°C	25.2	25.2	26.0	26.0	28.2	28.2	25.4	25.4	29.0	28.9
Turbidity	NTU	2.3	2.2	1.4	1.4	3.7	3.8	1.3	1.5	4.4	4.3
DO	mg/L	9.6	9.4	8.9	8.8	7.4	7.3	9.1	9.0	7.7	7.7
DO Saturation	%	115.9	113.8	109.8	107.8	94.7	93.7	110.8	110.2	107.3	107.4
Suspended Solids	mg/L	0.8	1.4	1.2	1.2	3.1	3.2	1.0	0.7	2.7	2.1
Ammonia as N	mg/L	<0.01	0.01	0.06	0.06	0.08	0.08	0.02	0.01	0.10	0.08
Total Kjeldahl Nitrogen as N	mg/L	0.07	0.07	0.16	0.17	0.23	0.21	0.06	0.07	0.25	0.24
Total Phosphorus as P	mg/L	<0.01	<0.01	0.04	0.03	0.03	0.03	<0.01	<0.01	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	31	26	140	190	470	640	13	18	110	83
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	3	3	4	4	5	5	3	3	13	14
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.