

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

Reporting Month:		Dec-2025									
Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	11:20	11:20	10:30	10:30	09:45	09:45	11:50	11:50	09:05	09:05
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.7	0.7	0.4	0.4	0.6	0.6	0.3	0.3	0.7	0.7
Parameter											
pH		7.5	7.5	7.4	7.4	9.2	9.2	7.4	7.4	7.5	7.6
Salinity	ppt	0.02	0.02	0.04	0.04	0.19	0.19	0.02	0.02	30.04	31.38
Temperature	°C	20.2	20.2	19.6	19.6	19.0	19.0	20.1	20.0	21.8	22.0
Turbidity	NTU	0.8	0.7	1.6	1.5	1.2	1.2	1.7	1.6	2.5	2.4
DO	mg/L	8.9	8.0	7.9	7.8	9.8	9.3	9.3	8.8	8.2	8.0
DO Saturation	%	97.7	88.0	86.6	85.6	105.5	99.8	102.8	96.5	111.3	110.1
Suspended Solids	mg/L	1.0	2.2	2.6	8.9	2.3	2.3	8.4	5.6	1.3	1.9
Ammonia as N	mg/L	0.02	0.02	0.07	0.07	0.08	0.08	0.20	0.21	0.14	0.12
Total Kjeldahl Nitrogen as N	mg/L	0.09	0.08	0.34	0.28	0.25	0.25	0.38	0.32	0.28	0.28
Total Phosphorus as P	mg/L	<0.01	<0.01	0.05	0.05	0.05	0.05	0.05	0.04	0.01	0.01
<i>Escherichia coli</i>	CFU/100mL	43	40	1200	960	160	140	300	220	68	49
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0
Chemical Oxygen Demand	mg/L	4	5	5	5	7	8	7	6	<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.