

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

Reporting Month:		Nov-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	09:50	09:50	10:35	10:35	09:25	09:25	11:45	11:45
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.7	0.7
Parameter											
pH		7.5	7.5	7.0	7.0	8.8	8.8	7.3	7.2	7.3	7.3
Salinity	ppt	0.03	0.03	0.03	0.03	0.13	0.13	0.02	0.02	6.82	6.93
Temperature	°C	22.3	22.2	22.2	22.2	22.0	22.0	22.2	22.1	22.6	22.6
Turbidity	NTU	0.8	0.7	1.6	1.6	4.4	4.4	1.9	1.8	6.0	6.1
DO	mg/L	7.9	7.9	7.4	7.4	8.4	8.6	7.9	7.8	7.6	7.1
DO Saturation	%	91.3	90.6	84.7	84.7	96.4	97.9	90.6	89.1	91.5	85.4
Suspended Solids	mg/L	0.6	0.6	6.1	4.3	4.8	4.6	1.1	1.4	4.9	5.0
Ammonia as N	mg/L	<0.01	<0.01	0.04	0.04	0.06	0.05	<0.01	<0.01	0.10	0.10
Total Kjeldahl Nitrogen as N	mg/L	<0.05	0.08	0.16	0.20	0.26	0.26	0.06	0.13	0.34	0.32
Total Phosphorus as P	mg/L	<0.01	<0.01	0.04	0.04	0.03	0.03	<0.01	0.02	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	34	50	480	640	320	240	30	52	62	86
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	1.0	1.0	1.2	1.6	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	3	3	4	4	4	4	2	2	23	23
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.