

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

Reporting Month:		Mar-2025									
Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	11:10	11:10	12:15	12:15	12:45	12:45	11:40	11:40	14:45	14:45
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Sampling Depth	m	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Parameter											
pH		7.4	7.3	7.0	7.0	9.0	9.0	7.0	7.0	7.5	7.4
Salinity	ppt	0.02	0.02	0.05	0.05	0.08	0.08	0.03	0.03	14.47	14.83
Temperature	°C	18.0	18.0	17.8	17.8	18.6	18.6	17.9	18.0	18.2	18.3
Turbidity	NTU	1.0	1.0	2.8	2.6	4.7	4.6	5.2	5.1	10.0	9.9
DO	mg/L	9.0	8.9	8.6	8.2	9.7	9.5	7.5	7.2	7.2	6.9
DO Saturation	%	94.9	94.5	90.6	86.0	103.7	101.8	79.1	76.1	83.5	79.7
Suspended Solids	mg/L	<0.5	<0.5	4.6	8.3	34.0	13.4	11.5	3.3	4.2	3.5
Ammonia as N	mg/L	<0.01	<0.01	0.01	0.01	0.30	0.30	0.48	0.51	0.25	0.23
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.06	0.22	0.21	0.63	0.68	0.72	0.69	0.41	0.39
Total Phosphorus as P	mg/L	<0.01	<0.01	0.06	0.06	0.09	0.10	0.10	0.09	0.04	0.04
<i>Escherichia coli</i>	CFU/100mL	47	36	1400	900	1100	1300	5300	6600	280	340
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	3.6	2.7	1.6	1.4	<1.0	<1.0
Chemical Oxygen Demand	mg/L	<2	<2	6	7	11	11	6	7	34	31
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.