

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

Reporting Month:		Aug-2025									
Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	10:49	10:49	10:15	10:15	09:50	09:51	11:03	11:03	09:14	09:14
Weather	-	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Fine
Sampling Depth	m	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.5	0.5
Parameter											
pH		7.3	7.3	7.6	7.6	8.9	8.9	7.0	7.0	7.6	7.6
Salinity	ppt	0.01	0.01	0.02	0.02	0.04	0.04	0.01	0.01	2.35	2.50
Temperature	°C	25.4	25.4	25.6	25.6	26.0	26.0	25.5	25.5	26.2	26.2
Turbidity	NTU	1.2	1.2	4.9	4.8	4.5	4.6	1.1	1.1	4.9	5.2
DO	mg/L	7.7	7.6	8.0	7.9	7.8	7.8	7.6	7.5	7.4	7.3
DO Saturation	%	93.9	92.9	98.3	96.9	95.8	95.9	92.4	91.9	92.4	91.3
Suspended Solids	mg/L	0.7	1.0	4.5	5.2	3.3	3.7	3.6	4.2	5.7	5.2
Ammonia as N	mg/L	<0.01	<0.01	0.03	0.04	0.05	0.05	0.10	0.10	0.05	0.05
Total Kjeldahl Nitrogen as N	mg/L	0.08	0.08	0.18	0.16	0.21	0.22	0.24	0.26	0.20	0.22
Total Phosphorus as P	mg/L	<0.01	<0.01	0.02	0.02	0.02	0.02	0.04	0.04	0.02	0.03
<i>Escherichia coli</i>	CFU/100mL	57	64	400	480	380	410	380	400	700	900
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	<2	<2	<2	<2	<2	<2	<2	<2	6	8
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.