

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

**Reporting Month: Aug-2024**

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	10:10	10:10	10:55	10:55	09:40	09:40	11:45	11:45
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Parameter											
pH		7.3	7.2	7.2	7.2	6.4	6.6	7.1	7.1	8.2	8.1
Salinity	ppt	0.01	0.01	0.02	0.02	0.04	0.04	0.02	0.02	10.06	10.10
Temperature	°C	26.8	26.9	27.9	27.9	30.8	30.8	27.3	27.3	31.2	31.2
Turbidity	NTU	3.9	3.3	1.2	1.2	1.7	1.6	4.7	4.6	20.1	18.2
DO	mg/L	7.3	7.2	7.7	7.7	7.5	7.5	5.7	6.2	8.4	7.5
DO Saturation	%	91.6	90.1	98.7	97.5	101.1	100.7	72.0	78.3	119.2	106.6
Suspended Solids	mg/L	0.6	0.9	4.1	3.1	3.8	3.4	1.5	1.4	3.6	8.2
Ammonia as N	mg/L	<0.01	<0.01	0.03	0.02	0.07	0.07	0.07	0.17	0.05	0.06
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.06	0.18	0.16	0.25	0.24	0.22	0.40	0.25	0.25
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.02	0.03	0.03	0.02	0.04	0.03	0.03
<i>Escherichia coli</i>	CFU/100mL	830	960	2500	2800	3500	4100	4600	5200	1200	860
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	5	6	5	6	6	6	6	6
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.