

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

**Reporting Month: Oct-2023**

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	10:05	10:05	10:35	10:35	09:25	09:25	11:15	11:15
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	0.3	0.3	0.4	0.4
Parameter											
pH		7.7	7.6	6.9	6.8	9.2	9.2	7.1	7.1	8.0	8.1
Salinity	ppt	0.02	0.02	0.03	0.03	0.04	0.04	0.02	0.02	28.26	28.34
Temperature	°C	23.4	23.4	23.7	23.7	24.7	24.7	23.5	23.5	27.2	27.2
Turbidity	NTU	1.1	1.4	1.6	1.5	2.9	3.3	2.0	1.8	8.7	8.2
DO	mg/L	8.7	8.3	8.5	8.5	9.3	9.2	8.3	7.6	7.4	7.0
DO Saturation	%	102.1	97.4	100.3	99.7	111.8	111.1	98.0	89.6	108.4	103.6
Suspended Solids	mg/L	0.8	0.6	1.3	1.2	1.3	1.3	1.1	1.0	2.3	2.2
Ammonia as N	mg/L	<0.01	<0.01	0.07	0.06	0.05	0.06	0.13	0.15	0.04	0.03
Total Kjeldahl Nitrogen as N	mg/L	<0.05	0.06	0.14	0.17	0.21	0.20	0.25	0.25	0.15	0.12
Total Phosphorus as P	mg/L	<0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.01	0.01
<i>Escherichia coli</i>	CFU/100mL	29	31	63	58	66	68	71	85	74	67
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	4	4	3	3	3	2	17	16
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.