

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

**Reporting Month: May-2023**

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:20	09:20	11:20	11:20	14:15	14:15	09:55	09:55	15:25	15:25
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3
Parameter											
pH		8.0	7.9	6.7	6.6	8.7	9.0	7.8	7.7	8.6	8.6
Salinity	ppt	0.02	0.02	0.04	0.04	0.10	0.10	0.03	0.03	6.63	6.65
Temperature	°C	24.9	24.9	25.8	25.8	29.2	29.3	25.4	25.4	29.6	29.6
Turbidity	NTU	1.3	1.3	4.0	3.7	9.5	9.3	2.1	2.2	14.4	13.2
DO	mg/L	8.5	8.1	7.5	7.4	7.2	7.3	8.2	8.0	8.2	8.2
DO Saturation	%	102.7	98.1	91.5	90.8	93.6	95.8	99.7	97.6	111.3	111.9
Suspended Solids	mg/L	1.5	1.3	3.0	2.6	5.9	6.1	3.4	3.0	5.3	5.6
Ammonia as N	mg/L	<0.01	<0.01	0.01	0.01	0.16	0.16	0.07	0.07	0.07	0.07
Total Kjeldahl Nitrogen as N	mg/L	0.07	0.09	0.16	0.15	0.40	0.40	0.22	0.20	0.28	0.24
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.02	0.03	0.03	0.03	0.02	0.03	0.03
<i>Escherichia coli</i>	CFU/100mL	79	71	73	89	13	11	63	67	54	43
Biochemical Oxygen Demand	mg/L	1.5	1.4	1.3	1.1	1.3	1.2	1.1	1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	5	5	5	7	8	8	8	9	6	7
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.