

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

**Reporting Month: Sep-2023**

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:45	09:45	11:00	11:00	14:20	14:20	10:20	10:20	15:00	15:00
Weather	-	Sunny	Sunny	Sunny	Sunny	Drizzle	Drizzle	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		6.9	6.9	6.6	6.6	8.1	8.4	7.0	6.9	7.5	7.4
Salinity	ppt	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.57	0.58
Temperature	°C	25.4	25.4	26.4	26.4	27.5	27.5	25.8	25.8	27.8	27.8
Turbidity	NTU	2.3	2.3	22.0	22.4	6.2	6.3	2.6	2.6	7.1	7.4
DO	mg/L	7.8	7.7	7.9	7.7	8.6	8.3	8.7	8.5	6.8	6.7
DO Saturation	%	94.8	94.3	98.3	95.6	108.5	105.4	107.5	103.8	86.9	85.0
Suspended Solids	mg/L	0.5	0.6	10.7	10.3	3.5	3.2	1.5	1.7	4.4	4.8
Ammonia as N	mg/L	<0.01	<0.01	0.04	0.05	0.04	0.04	0.02	0.02	0.02	0.02
Total Kjeldahl Nitrogen as N	mg/L	<0.05	<0.05	0.10	0.11	0.13	0.12	<0.05	<0.05	0.10	0.11
Total Phosphorus as P	mg/L	<0.01	<0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	57	50	170	130	160	150	73	87	130	140
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	6	7	10	8	8	9	4	4	4	4
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.