

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

**Reporting Month: Apr-2024**

Monitoring Station		RP1		RP2		RP4		PW1		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:10	09:10	10:00	10:00	10:25	10:25	09:30	09:30	11:00	11:00
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Sampling Depth	m	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.5	0.5
Parameter											
pH		7.5	7.4	7.1	7.0	8.8	8.9	7.3	7.2	7.7	7.9
Salinity	ppt	0.03	0.03	0.04	0.04	0.09	0.09	0.05	0.05	14.12	15.53
Temperature	°C	25.0	25.0	25.2	25.2	25.4	25.4	25.1	25.1	26.6	26.8
Turbidity	NTU	1.3	1.1	2.4	2.2	3.9	3.6	2.1	1.9	6.8	6.2
DO	mg/L	7.9	7.3	6.0	5.8	6.5	6.5	5.6	5.5	4.7	4.6
DO Saturation	%	95.1	87.7	72.7	70.1	79.5	79.4	67.6	66.2	63.3	63.1
Suspended Solids	mg/L	<0.5	5.2	6.6	3.5	2.8	3.1	1.9	12.3	11.8	11.6
Ammonia as N	mg/L	0.02	0.02	0.02	0.02	0.25	0.27	0.70	0.47	0.24	0.22
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.10	0.17	0.14	0.53	0.50	0.96	0.72	0.51	0.57
Total Phosphorus as P	mg/L	<0.01	<0.01	0.06	0.05	0.08	0.08	0.10	0.08	0.01	0.05
<i>Escherichia coli</i>	CFU/100mL	65	82	60	43	490	470	1200	1900	160	190
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	1.3	1.1	1.3	1.4	1.1	1.4
Chemical Oxygen Demand	mg/L	<2	4	7	8	7	6	5	5	<20	<20
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.