

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

**Reporting Month: Sep-2022**

Monitoring Station		RP1		RP2		RP3		RP4		PW1		PW2		PW3	
Replicate	Unit	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Sampling Time	-	09:00	09:00	10:15	10:15	10:45	10:45	11:45	11:45	09:35	09:35	11:15	11:15	12:30	12:30
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Sunny	Sunny	Overcast	Overcast	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.3	0.3	0.2	0.2	0.1	0.1	0.4	0.4	0.3	0.3	0.1	0.1	0.5	0.5
Parameter															
pH		7.4	7.2	6.7	6.7	7.6	7.6	8.6	8.6	7.0	6.9	8.1	8.1	10.9	10.9
Salinity	ppt	0.02	0.02	0.03	0.03	0.02	0.02	0.07	0.07	0.02	0.02	0.03	0.03	25.83	25.79
Temperature	°C	26.0	26.0	26.3	26.3	27.3	27.3	30.1	30.1	26.1	26.1	29.0	29.0	30.5	30.6
Turbidity	NTU	0.9	0.9	1.6	1.5	1.1	1.0	6.7	6.5	2.0	2.3	2.6	2.8	5.7	5.3
DO	mg/L	8.5	8.0	7.8	7.6	8.6	8.4	7.4	7.3	7.9	7.8	8.5	8.5	7.9	7.1
DO Saturation	%	104.1	98.0	96.4	94.0	108.4	106.5	97.4	96.8	97.0	96.5	111.1	110.6	121.6	109.6
Suspended Solids	mg/L	0.6	0.8	1.1	1.2	1.1	1.2	3.6	3.5	2.1	2.3	1.9	2.0	2.3	2.4
Ammonia as N	mg/L	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.03	0.03	0.14	0.12	0.05	0.06	0.02	0.02
Total Kjeldahl Nitrogen as N	mg/L	<0.05	0.05	0.10	0.11	0.11	0.10	0.15	0.16	0.23	0.28	0.18	0.18	0.18	0.17
Total Phosphorus as P	mg/L	<0.01	<0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.03	0.02	0.02	0.02
<i>Escherichia coli</i>	CFU/100mL	42	58	430	510	480	390	600	350	670	540	630	870	420	500
Biochemical Oxygen Demand	mg/L	1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	1.4	1.1	1.1	1.0	<1.0	1.4	1.1
Chemical Oxygen Demand	mg/L	3	4	4	4	6	7	7	5	5	4	4	4	5	5
Oil & Grease	mg/L	<2	<2	<2	<2	4	3	4	3	4	2	4	4	4	2