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

Reporting Month: **Jun-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	10:20	10:20	10:50	10:50	12:05	12:05	09:40	09:40	11:35	11:35	14:15	14:15
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny
Sampling Depth	m	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.2	0.2	0.1	0.1	0.3	0.3
Parameter															
pH		7.1	7.1	7.0	7.0	7.2	7.2	7.6	7.6	7.0	7.0	7.7	7.7	6.9	6.9
Salinity	ppt	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.02	0.02	0.04	0.04	1.60	1.59
Temperature	°C	25.3	25.3	25.8	25.8	26.1	26.0	27.3	27.3	25.6	25.6	27.7	27.8	26.6	26.5
Turbidity	NTU	1.8	1.9	1.8	2.0	1.6	1.7	2.1	2.4	2.2	2.6	1.2	1.2	3.1	2.9
DO	mg/L	8.5	8.3	7.3	7.3	7.8	7.7	7.1	7.1	8.0	7.8	6.5	6.4	6.3	6.2
DO Saturation	%	103.0	100.9	90.0	90.1	96.1	95.0	89.8	89.5	98.0	94.8	82.5	82.0	78.5	77.4
Suspended Solids	mg/L	1.0	1.2	1.3	1.2	1.4	1.3	1.4	1.3	2.4	2.6	1.3	1.2	2.6	2.5
Ammonia as N	mg/L	0.01	0.01	0.02	0.03	0.02	0.02	0.04	0.04	0.08	0.06	0.15	0.14	0.02	0.03
Total Kjeldahl Nitrogen as N	mg/L	0.07	0.07	0.13	0.12	0.12	0.12	0.16	0.16	0.18	0.20	0.28	0.23	0.14	0.14
Total Phosphorus as P	mg/L	<0.01	<0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02
Escherichia coli	CFU/100mL	38	45	67	86	140	150	240	220	170	250	490	520	330	190
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	<1.0	<1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	4	3	4	7	5	4	6	4	7	3	6	4	5	4
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2