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

Reporting Month: **Oct-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	-	09:10	09:10	10:20	10:20	10:55	10:55	13:55	13:55	09:45	09:45	11:40	11:40	14:40	14:40
Weather	-	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	Sunny	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	0.4	0.4
Parameter															
pH		7.3	7.4	7.4	7.4	8.0	8.0	9.8	9.7	7.5	7.4	9.8	9.9	7.8	7.8
Salinity	ppt	0.02	0.02	0.03	0.03	0.03	0.03	0.05	0.05	0.02	0.02	0.03	0.03	17.67	17.65
Temperature	°C	26.3	26.3	27.4	27.4	28.8	28.8	30.8	31.1	26.8	26.7	32.4	32.5	32.1	32.1
Turbidity	NTU	1.9	2.1	1.6	1.8	0.8	0.7	7.5	7.5	1.7	1.9	2.1	2.2	23.8	22.0
DO	mg/L	6.4	6.5	6.6	6.5	7.2	7.2	5.8	6.6	6.7	6.3	7.6	7.7	3.9	3.9
DO Saturation	%	79.6	81.0	83.0	82.8	93.6	92.6	78.2	89.2	83.8	78.8	104.1	105.8	58.3	58.1
Suspended Solids	mg/L	0.9	<0.5	0.8	0.9	0.8	0.8	15.8	15.9	1.4	1.6	1.0	1.4	7.6	7.6
Ammonia as N	mg/L	<0.01	<0.01	0.02	0.02	<0.01	0.01	0.03	0.02	0.14	0.12	0.06	0.05	0.04	0.04
Total Kjeldahl Nitrogen as N	mg/L	<0.05	<0.05	0.12	0.12	0.12	0.14	0.23	0.23	0.26	0.29	0.24	0.22	0.22	0.23
Total Phosphorus as P	mg/L	<0.01	<0.01	0.02	0.02	0.04	0.02	0.04	0.04	0.04	0.08	0.05	0.04	0.03	0.03
Escherichia coli	CFU/100mL	52	49	230	370	160	180	190	100	1800	3300	53	78	51	55
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	1.3	<1.0	1.4	1.1	1.1	<1.0	<1.0
Chemical Oxygen Demand	mg/L	5	5	5	4	5	5	6	8	2	7	5	6	46	33
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2