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

Reporting Month: **May-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	10:45	10:45	11:20	11:20	14:35	14:35	09:45	09:45	12:05	12:05	15:45	15:45
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		7.2	7.2	6.9	6.9	7.1	7.1	7.7	7.6	7	6.9	8.2	8.2	7.1	7.1
Salinity	ppt	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.04	0.04	13.56	13.84
Temperature	°C	20.8	20.8	21.9	21.9	22.3	22.3	24.2	24.3	21.3	21.3	24.6	24.6	24.8	24.7
Turbidity	NTU	1.7	1.7	1.6	1.5	1.4	1.3	7.6	7.8	2.0	2.0	1.0	0.9	5.3	5.4
DO	mg/L	9.8	9.4	7.8	7.6	8.4	8.3	8.4	8.3	8.8	8.9	8.2	7.6	5.8	5.6
DO Saturation	%	109.5	105.3	89.3	86.7	96.5	95.1	100.4	99.3	98.8	99.7	98.2	91.1	75.3	73.2
Suspended Solids	mg/L	1.3	1.4	0.8	0.9	1.0	1.0	3.7	3.5	1.6	1.9	1.1	1.1	1.9	1.7
Ammonia as N	mg/L	0.03	0.03	0.03	0.03	0.04	0.02	0.04	0.03	0.08	0.08	0.04	0.05	0.03	0.03
Total Kjeldahl Nitrogen as N	mg/L	0.06	<0.05	0.10	0.09	0.09	0.08	0.12	0.10	0.15	0.14	0.12	0.14	0.11	0.10
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	58	81	160	130	99	97	120	130	150	180	140	110	72	61
Biochemical Oxygen Demand	mg/L	1.6	1.2	1.5	1.5	1.4	1.6	1.3	1.2	1.6	1.5	1.3	1.3	1.4	1.4
Chemical Oxygen Demand	mg/L	<2	2	2	<2	2	<2	<2	<2	4	6	3	4	5	6
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2