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

Reporting Month: **Apr-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	10:40	10:40	11:30	11:30	14:30	14:30	09:45	09:45	12:05	12:05	15:30	15:30
Weather	-	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy	Rainy
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	0.2	0.2
Parameter															
pH		6.5	6.5	6.5	6.5	6.9	7.1	7.2	7.2	6.5	6.5	7.4	7.3	8.3	8.3
Salinity	ppt	0.02	0.02	0.03	0.03	0.04	0.04	0.29	0.29	0.03	0.03	0.04	0.04	26.20	26.32
Temperature	°C	20.4	20.4	20.4	20.4	20.4	20.4	21.6	21.6	20.5	20.5	20.3	20.3	22.3	22.3
Turbidity	NTU	1.5	1.6	2.7	3.3	1.1	1.1	2.2	2.6	1.3	1.1	1.0	1.0	15.8	15.9
DO	mg/L	7.3	7.6	7.4	7.1	8.8	8.6	8.1	7.9	9.8	9.6	7.9	7.9	9.3	8.2
DO Saturation	%	81.1	83.7	82.4	78.9	97.6	95.9	92	89.5	108.4	106.5	87.8	87.3	124.4	109.3
Suspended Solids	mg/L	1.6	1.8	1.1	1.2	1.1	1.3	1.4	1.6	1.1	1.2	1.4	1.2	2.4	2.6
Ammonia as N	mg/L	0.01	0.01	0.02	0.02	0.03	0.03	0.08	0.07	0.23	0.25	0.23	0.24	0.09	0.09
Total Kjeldahl Nitrogen as N	mg/L	<0.05	<0.05	0.10	0.12	0.15	0.13	0.23	0.25	0.32	0.38	0.41	0.42	0.23	0.22
Total Phosphorus as P	mg/L	<0.01	<0.01	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.02	0.02
Escherichia coli	CFU/100mL	43	41	180	180	160	170	180	130	1400	740	630	1000	130	98
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	1.1	1.0	1.2	<1.0	<1.0
Chemical Oxygen Demand	mg/L	4	<2	3	4	4	4	6	5	3	4	3	5	<40	<40
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2