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

Reporting Month: **Mar-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	-	09:05	09:05	10:45	10:45	11:12	11:12	13:15	13:15	09:48	09:48	11:49	11:49	14:45	14:45
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Sunny	Sunny	Overcast	Overcast	Overcast	Overcast	Sunny	Sunny
Sampling Depth	m	0.3	0.3	0.4	0.4	0.1	0.1	0.3	0.3	0.4	0.4	0.2	0.2	0.3	0.3
Parameter															
pH		6.7	6.7	7	7	7.9	7.8	9.2	9.2	6.7	6.5	9.3	9.3	9	9
Salinity	ppt	0.02	0.02	0.03	0.03	0.03	0.03	0.06	0.06	0.02	0.02	0.04	0.04	23	23.02
Temperature	°C	22.5	22.5	23.3	23.3	25.7	25.6	30.5	30.6	22.7	22.8	27.5	27.6	27.9	27.9
Turbidity	NTU	1.0	0.9	1.2	1.1	0.9	0.9	1.6	1.5	1.9	1.9	1.0	1.0	17.3	15.9
DO	mg/L	7.9	7.8	5.8	5.7	8.6	8.4	7.2	8.1	7.4	6.6	8.1	8.5	13.3	14.5
DO Saturation	%	91.3	89.6	67.3	66.9	105.8	102.9	96.3	108.2	85.8	76.3	102.7	107.8	192.3	210.5
Suspended Solids	mg/L	0.6	0.6	0.8	0.8	1.9	1.7	4.8	4.2	1.1	1	4.6	4.2	2.7	2.6
Ammonia as N	mg/L	<0.01	<0.01	0.02	0.02	0.01	0.01	0.07	0.08	0.28	0.25	0.15	0.17	0.04	0.03
Total Kjeldahl Nitrogen as N	mg/L	0.05	<0.05	0.11	0.12	0.16	0.16	0.39	0.36	0.42	0.37	0.44	0.44	0.2	0.19
Total Phosphorus as P	mg/L	<0.01	<0.01	0.04	0.04	0.04	0.04	0.07	0.07	0.06	0.06	0.1	0.09	0.03	0.03
Escherichia coli	CFU/100mL	27	21	87	82	90	82	84	52	2200	1700	1500	1300	34	34
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	1	<1.0	1.2	<1.0	1.7	1.9	1.4	1.2	2.1	1.8	1.3	1.1
Chemical Oxygen Demand	mg/L	<2	<2	3	<2	6	8	13	12	9	10	9	10	15	13
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2