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

Reporting Month: **Feb-2023**

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	-	13:00	13:00	11:05	11:05	10:40	10:40	09:45	09:45	13:30	13:30	10:15	10:15	09:05	09:05
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Sampling Depth	m	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.3	0.3
Parameter															
pH		6.9	6.9	7.2	7.0	8.7	9.2	9.3	9.3	7.0	6.9	8.5	8.6	7.4	7.4
Salinity	ppt	0.02	0.02	0.05	0.05	0.05	0.06	0.12	0.12	0.03	0.03	0.05	0.05	19.16	19.00
Temperature	°C	20.3	20.3	19.8	19.8	20.7	20.7	20.6	20.6	20.5	20.5	20.6	20.6	20.5	20.5
Turbidity	NTU	2.0	2.0	2.3	2.3	0.8	0.7	1.2	1.3	3.8	3.2	1.4	1.6	1.5	1.6
DO	mg/L	7.8	7.6	6.7	6.6	9.2	7.9	10.2	10.0	7.8	7.4	9.8	9.8	5.1	5.2
DO Saturation	%	86.3	84.2	72.8	72.0	102.3	87.8	113.4	111.3	86.4	82.6	109.1	108.8	63.3	64.1
Suspended Solids	mg/L	0.5	0.5	1.0	1.8	0.8	0.9	1.3	1.2	3.0	2.2	2.0	1.6	0.8	1.2
Ammonia as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.30	0.26	0.23	0.23	0.20	0.18	0.03	0.03
Total Kjeldahl Nitrogen as N	mg/L	0.06	<0.05	0.14	0.14	0.12	0.18	0.54	0.51	0.51	0.47	0.41	0.39	0.21	0.21
Total Phosphorus as P	mg/L	<0.01	<0.01	0.04	0.04	0.03	0.04	0.08	0.08	0.08	0.08	0.06	0.06	0.02	0.02
Escherichia coli	CFU/100mL	40	34	26	30	31	40	250	160	54	63	460	320	110	120
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	1.2	1.1	1.4	1.4	1.2	<1.0	<1.0
Chemical Oxygen Demand	mg/L	4	6	4	6	6	5	6	6	4	3	3	5	52	48
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2