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

Reporting Month: **Jan-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	-	13:30	13:30	11:35	11:35	11:05	11:05	10:00	10:00	14:05	14:05	10:35	10:35	09:15	09:15
Weather	-	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Drizzle	Drizzle
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	6.7	6.9	6.8	7.6	7.5	8.4	8.4	6.9	6.6	8.2	8.3	7.4	7.5
Salinity	ppt	0.02	0.02	0.04	0.04	0.02	0.02	0.08	0.08	0.03	0.03	0.06	0.06	29.56	29.56
Temperature	°C	18.9	19.0	18.4	18.4	19.5	19.3	19.0	19.0	19.0	19.0	19.5	19.5	19.5	19.5
Turbidity	NTU	1.5	1.4	1.7	1.5	3.7	3.5	23.5	22.3	3.0	2.7	9.8	9.3	9.0	9.8
DO	mg/L	10.1	10.0	9.1	9.0	9.7	9.6	8.9	8.8	10.4	10.3	10.3	10.3	6.0	5.9
DO Saturation	%	108.5	107.8	96.6	95.4	105.5	104.2	96.0	95.3	111.5	110.7	112.3	111.7	78.0	76.8
Suspended Solids	mg/L	1.6	1.8	2.4	2.7	2.6	2.5	14.3	13.9	1.8	1.6	6.1	6.2	9.8	10.0
Ammonia as N	mg/L	<0.01	<0.01	0.04	0.04	0.04	0.04	0.19	0.20	0.21	0.18	0.47	0.46	0.10	0.09
Total Kjeldahl Nitrogen as N	mg/L	0.06	0.07	0.22	0.19	0.19	0.18	0.42	0.40	0.36	0.34	0.70	0.73	0.25	0.23
Total Phosphorus as P	mg/L	<0.01	<0.01	0.04	0.04	0.03	0.03	0.06	0.06	0.05	0.05	0.09	0.09	0.02	0.02
Escherichia coli	CFU/100mL	270	380	570	440	100	550	520	480	370	310	360	97	570	360
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	1.1	1.3	1.1	<1.0	<1.0
Chemical Oxygen Demand	mg/L	6	5	5	5	5	6	10	10	9	9	11	10	22	24
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2