

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

Reporting Month: Apr-2025		RP1		RP2		RP4		PW1		PW3	
Monitoring Station	Unit	1	2	1	2	1	2	1	2	1	2
Replicate											
Sampling Time	-	11:30	11:30	12:30	12:30	13:10	13:10	12:00	12:00	13:55	13:55
Weather	-	Fine	Fine	Overcast	Overcast	Fine	Fine	Overcast	Overcast	Fine	Fine
Sampling Depth	m	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6
Parameter											
pH		7.2	7.2	7.0	7.0	9.5	9.6	7.1	7.1	7.5	7.4
Salinity	ppt	0.02	0.02	0.05	0.05	0.07	0.07	0.03	0.03	7.75	7.72
Temperature	°C	22.9	22.9	23.0	22.9	27.1	26.9	23.2	23.3	26.5	26.6
Turbidity	NTU	1.8	1.7	5.4	5.0	4.6	4.6	4.0	3.7	8.4	8.7
DO	mg/L	7.6	7.5	6.8	6.7	9.1	9.0	7.6	7.3	7.2	7.1
DO Saturation	%	88.9	87.5	79.6	78.4	114.3	112.4	89.0	85.4	93.1	92.9
Suspended Solids	mg/L	3.2	1.8	14.8	3.8	16.9	10.4	5.0	5.9	9.7	9.2
Ammonia as N	mg/L	0.02	<0.01	<0.01	<0.01	0.08	0.07	0.03	0.03	0.12	0.11
Total Kjeldahl Nitrogen as N	mg/L	0.07	0.07	0.38	0.31	0.51	0.46	0.17	0.14	0.38	0.36
Total Phosphorus as P	mg/L	<0.01	<0.01	0.15	0.09	0.12	0.11	0.03	0.02	0.04	0.04
<i>Escherichia coli</i>	CFU/100mL	34	27	65	72	38	31	170	240	73	82
Biochemical Oxygen Demand	mg/L	<1.0	<1.0	1.1	1.1	2.4	2.3	1.3	1.0	<1.0	<1.0
Chemical Oxygen Demand	mg/L	4	3	6	5	9	8	4	4	16	18
Oil & Grease	mg/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Ecological Monitoring at the monitoring station RP3 and PW2 were suspended since March 2023 with the commencement of temporary river diversion in Tung Chung Stream.