

Statistics on Water Quality for the East Bank Section of Dongjiang's Main Stream in 2022

Item	Temperature (°C)	pH	Dissolved Oxygen	Permanganate Index	Chemical Oxygen Demand (COD)	5-Day Biochemical Oxygen Demand (BOD ₅)	Ammoniacal Nitrogen	Total Phosphorus
January	18.7	7.7	8.6	2.1	9.3	0.7	0.04	0.02
March	15.6	7.4	8.3	3.1	14.3	0.7	0.68 ^{Note3}	0.1
May	26.2	7.3	5.3 ^{Note2}	2.4	12	1.4	0.22	0.06
July	28.4	7.1	5.4 ^{Note2}	2	14.3	1.3	0.24	0.1
September	30.6	6.8	5.2 ^{Note2}	2.2	13	1.2	0.04	0.06
November	23.4	7.1	7.5	1.1	11.7	1	0.05	0.04
Yearly Mean^{Note1}	23.8	7.2	6.7	2.1	12.4	1.1	0.21	0.063
GB3838-2002 Type II Standard for Surface Water	--	6 - 9	≥ 6	≤ 4	≤ 15	≤ 3	≤ 0.5	≤ 0.1

Except pH and where specified, all units are in mg/L.

Statistics on Water Quality for the East Bank Section of Dongjiang's Main Stream in 2022

Item	Copper	Zinc	Fluoride	Selenium	Arsenic	Mercury	Cadmium
January	0.002	0.003	0.357	0.0002	0.0014	0.00001	0.00002
March	0.002	0.003	0.282	0.0002	0.0006	0.00001	0.00002
May	0.001	0.004	0.254	0.0002	0.0016	0.00001	0.00002
July	0.001	0.001	0.311	0.0002	0.0014	0.00001	0.00002
September	0.002	0.004	0.255	0.0002	0.0024	0.00001	0.00002
November	0.002	0.003	0.217	0.0002	0.0009	0.00001	0.00002
Yearly Mean ^{Note1}	0.002	0.003	0.274	0.0002	0.0014	0.00001	0.00002
GB3838-2002 Type II Standard for Surface Water	≤ 1	≤ 1	≤ 1	≤ 0.01	≤ 0.05	≤ 0.00005	≤ 0.005

All units are in mg/L.

Statistics on Water Quality for the East Bank Section of Dongjiang's Main Stream in 2022

Item	Chromium (VI)	Lead	Cyanide	Volatile Phenols	Petroleum Hydrocarbons	Anionic Surfactants	Sulphides
January	0.002	0.00004	0.0005	0.001	0.005	0.02	0.002
March	0.002	0.00004	0.0005	0.001	0.005	0.02	0.005
May	0.002	0.00004	0.0005	0.001	0.005	0.02	0.005
July	0.002	0.0002	0.0005	0.001	0.005	0.02	0.005
September	0.002	0.00004	0.0005	0.001	0.005	0.02	0.005
November	0.002	0.0002	0.0005	0.001	0.005	0.02	0.005
Yearly Mean ^{Note1}	0.002	0.0001	0.0005	0.001	0.005	0.02	0.005
GB3838-2002 Type II Standard for Surface Water	≤ 0.05	≤ 0.01	≤ 0.05	≤ 0.002	≤ 0.05	≤ 0.2	≤ 0.1

All units are in mg/L.

Note :

1. Compliance is based on the annual average of monitoring data in accordance with international practice for surface water.
2. The exceedances in these months are due to an increase in local water and ambient temperature. The annual average is in compliance with the standard.
3. The exceedance in this month is due to local instantaneous heavy rainfall. The annual average is in compliance with the standard.