

Statistics on Water Quality of Dongjiang's Main Stream in 2020 as Monitored at the East Bank Section

Item	Temperature (°C)	pH	Dissolved Oxygen	Permanganate Index	Chemical Oxygen Demand (COD)	5-Day Biochemical Oxygen Demand (BOD ₅)	Ammoniacal Nitrogen	Total Phosphorus
January	21.3	7.2	8.5	1.5	9.0	0.3	0.22	0.04
March	21.1	7.0	8.0	1.5	9.3	1.1	0.06	0.04
May	26.5	7.1	7.6	1.7	9.7	1.1	0.02	0.04
July	30.6	6.9	6.1	1.6	10.7	1.1	0.11	0.06
September	31.9	7.0	5.6	2.3	11.3	1.4	0.07	0.08
November	25.2	7.1	5.7	1.4	10.7	1.3	0.02	0.04
Yearly Mean	26.1	7.1	6.9	1.7	10.1	1.0	0.08	0.05
GB 3838-2002 Type II Standard for Surface Water	--	6-9	≥ 6	≤ 4	≤ 15	≤ 3	≤ 0.5	≤ 0.1

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Item	Copper	Zinc	Fluoride	Selenium	Arsenic	Mercury	Cadmium
January	0.004	0.013	0.240	0.0002	0.0007	0.00001	0.000025
March	0.001	0.001	0.226	0.0002	0.0008	0.00001	0.000025
May	0.001	0.001	0.265	0.0002	0.0010	0.00001	0.000025
July	0.001	0.002	0.260	0.0002	0.0010	0.00001	0.000025
September	0.001	0.001	0.222	0.0002	0.0018	0.00001	0.000025
November	0.001	0.003	0.236	0.0002	0.0011	0.00002	0.000025
Yearly Mean	0.002	0.003	0.242	0.0002	0.0011	0.00001	0.000025
GB 3838-2002 Type II Standard for Surface Water	≤ 1.0	≤ 1.0	≤ 1.0	≤ 0.01	≤ 0.05	≤ 0.00005	≤ 0.005

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Item	Chromium (VI)	Lead	Cyanide	Volatile Phenols	Petroleum Hydrocarbons	Anionic Surfactants	Sulphides
January	0.002	0.000045	0.0005	0.001	0.01	0.02	0.0025
March	0.002	0.000045	0.0005	0.001	0.02	0.02	0.0025
May	0.002	0.000045	0.0005	0.001	0.02	0.02	0.0025
July	0.002	0.000045	0.0005	0.001	0.02	0.02	0.0025
September	0.002	0.000045	0.0005	0.001	0.01	0.02	0.0025
November	0.002	0.000113	0.0005	0.001	0.02	0.02	0.0025
Yearly Mean	0.002	0.000056	0.0005	0.001	0.02	0.02	0.0025
GB 3838-2002 Type II Standard for Surface Water	≤ 0.05	≤ 0.01	≤ 0.05	≤ 0.002	≤ 0.05	≤ 0.2	≤ 0.1

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Notes :

1. Except pH and where specified, all units are in mg/L.
2. Compliance is based on the annual average of monitoring data in accordance with international practice for surface water.