

Statistics on Water quality of Dongjiang's Main Stream in 2017 as Monitored at the East Bank Section

Item	Temperature (°C)	pH	Dissolved Oxygen	Permanganate Index	Chemical Oxygen Demand	5-Day Biochemical Oxygen Demand (BOD5)	Ammoniacal Nitrogen	Total Phosphorus
January	18.1	7.51	8.3	1.80	10.0	2.5	0.45	0.08
March	21.0	7.12	7.8	1.40	11.0	2.4	0.38	0.06
May	25.3	7.06	7.1	2.00	11.0	1.7	0.54	0.08
July	28.2	6.99	6.4	1.70	10.0	1.5	0.57	0.12
September	29.7	6.47	4.8	2.67	10.0	1.5	0.50	0.10
November	24.8	7.16	6.2	1.63	10.0	1.5	0.38	0.10
Yearly Mean	24.5	7.05	6.8	1.90	10.0	1.9	0.47	0.09
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	0.00081	0.00263	0.24	0.0002	0.00093	0.000020	0.00003
March	0.00148	0.00197	0.22	0.0002	0.00090	0.000020	0.00003
May	0.00160	0.00200	0.26	0.0002	0.00097	0.000020	0.00003
July	0.00164	0.00390	0.22	0.0002	0.00127	0.000010	0.00003
September	0.00259	0.00343	0.36	0.0002	0.00200	0.000010	0.00003
November	0.00191	0.00113	0.24	0.0002	0.00197	0.000010	0.00003
Yearly Mean	0.00167	0.00250	0.26	0.0002	0.00130	0.000015	0.00003
GB3838-2002 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	0.000035	0.0005	0.0005	0.023	0.02	0.002
March	0.002	0.000035	0.0005	0.0005	0.008	0.02	0.002
May	0.002	0.000035	0.0005	0.0005	0.005	0.02	0.002
July	0.002	0.000035	0.0005	0.0005	0.007	0.02	0.002
September	0.002	0.000035	0.0005	0.0005	0.008	0.02	0.002
November	0.002	0.000035	0.0005	0.0005	0.005	0.02	0.002
Yearly Mean	0.002	0.000035	0.0005	0.0005	0.009	0.02	0.002
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. According to the “Measures on Assessment of Surface Water Environment Quality (Trial)” (No. [2011]22 promulgated by the Ministry of Environmental Protection on 9 March 2011, “Faecal Coliforms” was not taken as an indicator to assess the environmental quality of surface water.
3. Compliance is based on the annual average of monitoring data in accordance with international practice.