

**Central Pollution Control Board, RD(S), Bengaluru.**

**Interate River water quality data for 3rd quarter from October to December 2019**

Period / Parameter	Cauvery at Ajjibore	Thenpennaiyar at Chokkarasanapalli	Bhima at Ganagapur	Godavari at Baser	Krishna River at Devadurga	Tungabhadra River at Hatcholli
pH at 25 <sup>0</sup> C	8.4	7.5	8.4	7.45	8.4	8.35
Temperature <sup>0</sup> C	25	25	29	ND	26	28
Electrical Conductivity µs/cm	394	1080	760	387	984	1293
Turbidity NTU	ND	ND	6	8	20	27
TDS mg/l	256	900	474	224	638	846
DO mg/l	8.9	BDL	ND	7.2	7.4	7.2
TSS mg/l	5.6	102.6	4	7	22	20
BOD mg/l	2.2	31.3	4	1.6	3	3
COD mg/l	10.5	98.7	38	10	39	39
Ca <sup>++</sup> mg/l	34	90	62	10	80	110
Mg <sup>++</sup> mg/l	16	9	158	8	128	148
Total Hardness mg/l	150	263	226	58	208	258
Alkalinity mg/l	163	368	128	40	238	218
Sulphate mg/l	20.7	15.5		6	178	272
Chloride mg/l	29.6	139	86	32	128	176
Fluoride mg/l	0.33	0.5	0.69	0.18	1.22	1.2
Nitrate-N mg/l - NO <sub>3</sub>	0.16	0.09	0.55	3	0.11	0.27
Nitrite-N mg/l - NO <sub>2</sub>	0.03	0.28	ND	0.18	ND	ND
Total Kjeldhal Nitrogen mg/l	ND	ND	ND	1.9	ND	ND
Ammoniacal Nitrogen mg/l	ND	ND	ND	1.2	ND	ND
Phosphate mg/l	0.12	2.5	BDL	ND	BDL	BDL
Boron mg/l	ND	ND	ND	BDL	ND	ND
Ammonia mg/l	1.2	30.1	ND	ND	ND	ND
Sodium mg/l	36.5	128	16	12	110	172
Potassium mg/l	2.9	19.6	3	2	4	4

<b>SAR meq/L</b>	ND	ND		0.69	ND	ND
<b>Copper mg/l</b>	BDL	BDL	BDL	BDL	ND	ND
<b>Cadmium mg/l</b>	BDL	BDL	BDL	BDL	ND	ND
<b>Total Chromium mg/l</b>	BDL	BDL	0.33	BDL	ND	ND
<b>Iron mg/l</b>	0.56	2.35	4.83	BDL	ND	ND
<b>Manganese mg/l</b>	BDL	0.22	BDL	ND	ND	ND
<b>Zinc As Z mg/l</b>	0.06	0.08	0.07	BDL	ND	ND
<b>Nickle as Ni mg/l</b>	BDL	BDL	BDL	BDL	ND	ND
<b>Cobalt mg/l</b>	BDL	BDL	BDL	ND	ND	ND
<b>Lead mg/l</b>	0.79	0.72	BDL	BDL	ND	ND
<b>Arsenic mg/l</b>	BDL	0.56	BDL	ND	ND	ND
<b>Total Coliform (MPN/100 ml)</b>	220	9,20,000	2,100	10	540	920
<b>Fecal Coliform (MPN/100 ml)</b>	33	2,80,000	460	<1.8	110	170

**Note:** ND-Not done

Monitoring not done in Manjira River as there was no flow.

