



TAMIL NADU POLLUTION CONTROL BOARD
76, Mount Salai, Guindy, Chennai - 600 032.
Water Quality Status of Polluted River Stretches

River Thirumanimutharu - Polluted river stretches from Salem to Pappaparatti - 15 KM - Priority-I

Sl. No.	Name of station	Station Code No.	Jan-23						Feb-23						Mar-23						Apr-23					
			D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Uthamasolapuram (River)	3022	2.1	7.8	15	680	1700	E	1.5	7.7	18	1400	2400	E	1.5	7.8	21	1400	3900	E	2.1	7.5	18	170	940	E

DBU Class-Designated Best Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5. Dissolved Oxygen 6mg/l or more. Biochemical Oxygen Demand 5 days' 20 C 2mg/l or less.
Outdoor bathing (Organised)	B	Total Coliforms Organism MPN/100ml shall be 500 or less. pH between 6.5 and 8.5. Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days '20 C 3mg/l or less.
Drinking Water Source after conventional treatment and disinfection	C	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more. Biochemical Oxygen Demand 5 days 20 C 3mg/l or less.
Propagation of Wild life and Fisheries	D	pH between 6.5 to 8.5 Dissolved Oxygen 5mg/l or more. Free Ammonia (as N) 1.2 mg/l or less.
Irrigation, Industrial cooling, Controlled	E	pH between 6.5 to 8.5. Electrical Conductivity at 25 ,micro mhos/cm Max.2250



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Sl. No.	Name of station	Station Code No.	May-23						Jun-23						Jul-23						Aug-23					
			D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Uthamasolapuram (River)	3022	2.9	7.4	12	21000	47000	E	0.9	7.4	24	21000	47000	E	0.2	7.5	24	14000	22000	E	Nil	7.7	27	2E+05	920000	E

DBU Class-Designated Best Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5. Dissolved Oxygen 6mg/l or more. Biochemical Oxygen Demand 5 days' 20 C 2mg/l or less.
Outdoor bathing (Organised)	B	Total Coliforms Organism MPN/100ml shall be 500 or less. pH between 6.5 and 8.5. Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days' 20 C 3mg/l or less.
Drinking Water Source after conventional treatment and disinfection	C	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more. Biochemical Oxygen Demand 5 days 20 C 3mg/l or less.
Propagation of Wild life and Fisheries	D	pH between 6.5 to 8.5 Dissolved Oxygen 5mg/l or more. Free Ammonia (as N) 1.2 mg/l or less.
Irrigation, Industrial cooling, Controlled	E	pH between 6.5 to 8.5. Electrical Conductivity at 25 ,micro mhos/cm Max.2250



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Sl. No.	Name of station	Station Code No.	Sep-23						Oct-23					
			D.O mg/L	pH	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	pH	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Uthamasolapuram (River)	3022	2.3	7.2	6.4	1400	4700	F	2.0	7.8	7	140	340	F

Standard limit for pH 6.5 to 8.5

Standard limit for DO 5.0 mg/l or more

Standard limit for BOD 3 mg/L or less

Standard limit for Total coliform MPN/100ml shall be 500 or less



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**River Thirumanimutharu - Polluted river stretches from Salem to Papparapatti - 15
KM - Priority-I**

Sl. No.	Name of station	Station Code No.	Nov-23					DBU Class
			D.O mg/L	pH	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	
1	Uthamasolapuram (River)	3022	2.6	7.0	10	1100	1700	F

Standard limit for pH 6.5 to 8.5

Standard limit for DO 5.0 mg/l or more

Standard limit for BOD 3 mg/L or less

Standard limit for Total coliform MPN/100ml shall be 500 or less



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**River Thirumanimutharu - Polluted river stretches from Salem to Pappaparatti - 15
KM - Priority-I**

Sl. No.	Name of station	Station Code No.	Dec-23					
			D.O mg/L	pH	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Uthamasolapuram (River)	3022	1.2	7.5	12	220	470	F

Standard limit for pH 6.5 to 8.5

Standard limit for DO 5.0 mg/l or more

Standard limit for BOD 3 mg/L or less

Standard limit for Total coliform MPN/100ml shall be 500 or less