



**TAMIL NADU POLLUTION CONTROL BOARD**

**Annexure - I**

**76, Mount Salai, Guindy, Chennai - 600 032.**

**Water Quality Status of Polluted River Stretches**

**River Sarabanga - Polluted river stretches from Thathayampatti to T.Konagapadi - 15 KM - Priority-II**

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	Edappadi (River)	3024	1.5	8.2	21.0	1200	2000	E	0.9	7.9	24.0	220	1100	E	Nil	7.7	27.0	920	2400	E	1.9	7.6	24.0	1400	3300	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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**Water Quality Status of Polluted River Stretches**

**River Sarabanga - Polluted river stretches from Thathayampatti to T.Konagapadi - 15 KM - Priority - II**

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	Edappadi (River)	3024	0.5	8.2	21.0	1700	4700	E	0.5	7.7	24.0	2600	14000	E	0.3	7.5	21.0	26000	220000	E	Nil	7.7	36.0	32000	47000	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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**Water Quality Status of Polluted River Stretches**

**River Sarabanga - Polluted river stretches from Thathayampatti to T.Konagapadi - 15 KM - Priority-II**

Sl. No.	Name of station	Station Code No.	Sep-23						Oct-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
1	Edappadi (River)	3024	2.8	7.3	6.3	7800	22000	E	0.9	7.5	12.0	1100	1700	E

**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 Sarabanga - Polluted river stretches from Thathayampatti to T.Konagapadi -  
15 KM - Priority - II**

Sl. No.	Name of station	Station Code No.	Nov-23					
			D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Edappadi (River)	3024	2.3	6.8	10	1400	3200	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 Sarabanga - Polluted river stretches from Thathayampatti to T.Konagapadi -  
15 KM - Priority - II**

Sl. No.	Name of station	Station Code No.	Dec-23					
			D.O mg/L	pH	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Edappadi (River)	3024	Nil	6.9	120	14	70	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**