



TAMIL NADU POLLUTION CONTROL BOARD

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-I

Sl. No.	Name of station	Station Code No.	Jan-22						Feb-22					Mar-22					Apr-22							
			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	6.2	7.3	<2	310	700	C	No Flow					-	No Flow					-	Nil	6.0	57	2100	4600	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.																		
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-22					Jun-22					Jul-22					Aug-22									
			pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	
1	Edappadi (River)	3024	No Flow					No Flow					No Flow					No Flow									
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.																			
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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-22						Oct-22						Nov-22						Dec-22					
			pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27° C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class
1	Edappadi (River)	3024	Samples not received						Samples not received						8.2	2.4	20.0	1100	3500	E	8.0	2.1	18.0	330	1400	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.																	
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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																	