



**TAMIL NADU POLLUTION CONTROL BOARD**

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

**Water Quality Status of Polluted River Stretches**

**River Vasista - Polluted river stretches from Manivilundhan to Thiyaganur - 10 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	Thulukkanur (River)	3023	No Flow					-	No Flow					-	No Flow					-	Nil	6.5	21	1700	3800	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
1	Thulukkanur (River)	3023	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.																		
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-22					Oct-22					Nov-22					Dec-22						
			pH	D.O mg/L	BOD at 27 <sup>o</sup> C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27 <sup>o</sup> C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	pH	D.O mg/L	BOD at 27 <sup>o</sup> C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class				
1	Thulukkanur (River)	3023	Samples not received					Samples not received					7.7	Nil	120.0	3200	14000	E	7.8	Nil	90	11000	28000	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																	