

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 Papparapatti - 15 KM - Priority-I

				Jan-22						Feb-22						Mar-22						Apr-22					
SI. No.	Name of station	Station Code No.	D.O mg/L	Hd	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	Hd	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	D.O mg/L	Hd	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Fotal coliform MPN/100 ml	DBU Class	D.O mg/L	На	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	
1	Uthamasolapuram (River)	3022	3.2	7.0	14		630			6.7		630		E		6.7			790			6.2					
	DBU Class-Designate	d Best Use		С	lass c	of wate	er	Criteria														1					
Drinki treatn	ing Water Source without co nent but after disinfection					4		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.														54						
Drinking Water Source after conventional treatment and disinfection					C Total 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 be	tween	6.5 to	8.5 Dis	solved	Oxygen	5mg/l	or mo	re. Fre	e Amn	nonia (as N) 1	1.2 mg	/l or le:	SS.					
Irrigation, Industrial cooling, Controlled E													Conduc								2001032						



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				May-22					Jun-22							Jul-22						Aug-22						
SI. No.	Name of station	Station Code No.	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	otal coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	ecal coliform MPN/100 ml	otal coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ^o C mg/L	ecal coliform MPN/100 ml	otal coliform MPN/100 ml	DBU Class		
1	Uthamasolapuram (River)	3022	7.0	0.2	8	310		E	6.8	Nil	6	460	1100	E	7.6	Nil	36	1700	2800	E	<u>a</u> 7.5	Nil	60	2100	 3900	E		
	DBU Class-Designate				Class of	of water				-						C	riteria											
but af	ing Water Source without con ter disinfection	nventional trea	tment		1	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.														5C						
	oor bathing (Organised)				E	3		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															mmonia	(as N) 1	.2 mg/l or	less.										
																pH between 6.5 to 8.5 Dissolved Oxygen 5mg/l or more. Free Ammonia (as N) 1.2 mg/l or less. pH between 6.5 to 8.5. Electrical Conductivity at 25 ,micro mhos/cm Max.2250												



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					Sep	o-22				Oct-22							Nov-22						Dec-22						
SI. No	Name of station	Station Code No.	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ⁰ C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class			
1	Uthamasolapuram (River)	3022	7.5	2.5	15	2100	4300	Е	7.6	2.5	16	430	840	Е	7.5	2.5	15	940	1200	Е	7.6	3.6	9	260	940	Е			
DBU	Class-Designated Best Use					Cla	ass of wa	ter	Criteria																				
	ing Water Source without con ection	ventional trea	atment bu	ut after			А		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.														ays'20						
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 \circ C 3mg/l or less.														days 20								
							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 betw	een 6.5 t	o 8.5 Dis	solved O	xygen 5n	ng/l or mo	ore. Free	Ammonia	a (as N) ⁻	1.2 mg/l c	or less.												
Irrigation, Industrial cooling, Controlled E								pH betw	een 6.5 t	o 8.5. Ele	ectrical C	Conductiv	ty at 25 ,	micro mh	nos/cm M	ax.2250													