

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

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			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 ^o C mg/L	Fecal coliform MPN/100 ml	Fotal coliform MPN/100 ml	DBU Class	D.O mg/L	Hd	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Fotal coliform MPN/100 ml	DBU Class		
1	Thulukkanur (River)	3023		N	o Flo	w		-	No Flow -						No Flow -							6.5			3800	E		
D	BU Class-Desig	nated Be	st Us	e	С	lass o	fwate	er	Criteria																			
Drinkiı treatm	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.														r					
	Outdoor bathing (Organised)				-	В				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.														/l or				
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.																			
	gation of Wild life ar					D	1		pH between 6.5 to 8.5 Dissolved Oxygen 5mg/l or more. Free Ammonia (as N) 1.2 mg/l or less.																			
Irrigati	on, Industrial coolin	g, Controlle	d									8.5. El																

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			1						-																			
		Station Code No.			May-22				Jun-22							Jul-22						Aug-22						
SI. No.	Name of station		Hd	D.O mg/L	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	DBU Class	Hd	D.O mg/L	BOD at 27 ^o C mg/L	Fecal coliform MPN/100 ml	Fotal coliform MPN/100 ml	DBU Class	PH	D.O mg/L	BOD at 27 ⁰ C mg/L	-ecal coliform MPN/100 ml	Fotal coliform MPN/100 mI	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		
1	Thulukkanur (River)	3023		No Flow						No Flow							No Flow						No Flow					
	DBU Class-Des				(Class o	f water		Criteria																			
Drinkin treatme	Drinking Water Source without conventional 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.																					
	or bathing (Organis					В	2		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.														al					
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.																					
	ation of Wild life a					D			pH between 6.5 to 8.5 Dissolved Oxygen 5mg/l or more. Free Ammonia (as N) 1.2 mg/l or less.																			
Irrigatio	rrigation, Industrial cooling, Controlled E							pH betw	een 6.	5 to 8.5.	Electrica	al Cond	uctivity a	at 25 ,r	micro n	nhos/cm	Max.22	50										



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				River	Vasis	sta - P	ollute	d riv	er stı	etch	es fro	om N	laniv	/ilun	dhan	to Thi	yagan	ur - 10	KM - Pr	iority-	I						
	Name of station		Sep-22						Oct-22							Nov-22						Dec-22					
SI. No.		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 ^o 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	Thulukkanur (River)	3023		Sam	ples n	Samples not received						7.7	Nil	120.0	3200	14000	Е	7.8	Nil	90	11000	28000	Е				
DBU C	ass-Designated Best Use	•				Cla	iss of wa	ter	Criteria																		
Drinkin disinfeo	g Water Source without co tion	nventional tre	atment	but afte	er		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.																					
						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 be	tween 6	6.5 to 8	.5. Ele	ctrical	Condu	ictivity a	it 25 ,mic	ro mhos/	cm Max.2	250										