

## KATTANKULATHUR BLOCK LEVEL LABORATORY

## TEST WATER BEFORE TASTE

## TAMBARAM CORPORATION ZONE-4

TAMBARAM CORPORATION ZONE-4											
Location:	West Tambaram Overhead Reservoir Tank					DATE OF COLLECTION					30.10.2023
Source:	OHT Water Tanks					DATE OF RECEIPT					31.10.2023
BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.1 Muthurangam park OHT-1	Sample No.2 Ranganathapuram 6th cross street -1A	Sample No.3 Tamil park OHT -2	Sample No.4 Tamil park mangalapuram 3rd street -2A	Sample No.5 Krishna nagar park OHT -3	Sample No.6 Krishna nagar 8th street -3A	Sample No.7 CTO Colony OHT -4	sample No.8 13TH Street CTO colony - 4A	Sample No.9 Cone krishna OHT -5

## I. PHYSICAL EXAMINATION

1. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
2. Colour	5	15	2	2	2	2	2	2	2	2	2
3. Odour	Agreeable	Agreeable	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
4. Turbidity NT Units	1	5	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2
5. Total Dissolved Solids mg/L	500	2000	763	752	765	754	763	752	763	748	761
6. Electrical Conductivity Micro mho/cm	-	-	534	526	536	528	534	526	534	524	533

## II. CHEMICAL EXAMINATION

[illegible]

BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.10 Management street -5A	Sample No.11 Thirunermalai OHT -6	sample No.12 Thiruvalluvar 5th street -6A	Sample No.13 Dhevanesan park OHT -7	Sample No.14 Sivaraj street - 7A	Sample No.15 T.V.K Nagar OHT -8
<b>I. PHYSICAL EXAMINATION</b>								
1. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
2. Colour	5	15	2	2	2	2	2	2
3. Odour	Agreeable	Agreeable	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
4. Turbidity NT Units	1	5	0.1	0.1	0.2	0.2	0.1	0.2
5. Total Dissolved Solids mg/L	500	2000	763	752	765	754	763	752
6. Electrical Conductivity Micro mho/cm	-	-	534	526	536	528	534	526
<b>II. CHEMICAL EXAMINATION</b>								
7. pH	6.5-8.5	6.5-8.5	8.1	7.8	7.7	7.9	8	7.5
8. Total Alkalinity as CaCO <sub>3</sub> mg/L	200	600	244	264	268	288	312	268
9. Total Hardness as CaCO <sub>3</sub> mg/L	200	600	220	220	244	408	240	176
10. Iron Fe mg/L	0.3	0	0.0	0.0	0.0	0.0	0.0	0.0
11. Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
12. Nitrite NO <sub>2</sub> mg/L	-	-	-	-	-	-	-	-
13. Nitrate NO <sub>3</sub> mg/L	45	45	8	10	8	11	11	8
14. Chloride as CL mg/L	250	1000	216	216	216	300	224	214
15. Fluoride as F mg/L	1	1	1	0.9	1	1	1.1	1.1
16. Sulphate as SO <sub>4</sub> mg/L	200	400	99	104	103	130	114	105
17. Phosphate as PO <sub>4</sub> mg/L	-	-	0.0	0.0	0.0	0.0	0.0	0.0
<b>Report:</b> Samples: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 The Given Water Samples are Chemically <b>POTABLE</b>								
<b>Note:</b> The Samples are collected at source before distribution residual chloride level should be maintained at distribution point								
						For / <i>Asheik</i> JUNIOR WATER ANALYST		
						KATTANKULATHUR LABORATORY		
						CHENGALPATTU		

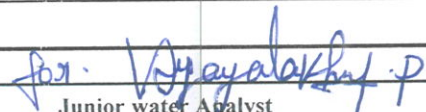


BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.11 Kanbeeran Street	sample No.12 Cross Street New Colony	Sample No.13 Thirudi Street	Sample No.14 Eswari Nagar OHT	Sample No.15 Thirumurugan Street	Sample No.16 Vanthiyar Manikam Street	Sample No.17 1st Street Malagananthapuram	Sample No.18 Durnaikannu 4th Street	Sample No.19 Rajaodheran Nagar	Sample No.20 Rajaji Street
<b>I. PHYSICAL EXAMINATION</b>												
1. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
2. Colour	5	15	2	2	2	2	2	2	2	2	2	2
3. Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4. Turbidity NT Units	1	5	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2
5. Total Dissolved Solids mg/L	500	2000	478	698	525	448	469	546	497	482	477	546
6. Electrical Conductivity Micro mho/cm	-	-	335	189	368	314	328	382	347	337	334	382
<b>II. CHEMICAL EXAMINATION</b>												
7. pH	6.5-8.5	6.5-8.5	8.3	8.1	8.2	8.1	8.4	8.2	8.3	8.2	8.1	8.1
8. Total Alkalinity as CaCO <sub>3</sub> mg/L	200	600	310	448	360	480	360	360	320	408	309	332
9. Total Hardness as CaCO <sub>3</sub> mg/L	200	600	354	472	344	592	488	480	396	592	552	533
10. Iron Fe mg/L	0.3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
11. Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Nitrite NO <sub>2</sub> mg/L	-	-	-	-	-	-	-	-	-	-	-	-
13. Nitrate NO <sub>3</sub> mg/L	45	45	11	8	14	12	14	10	15	17	12	10
14. Chloride as CL mg/L	250	1000	154	204	112	288	220	204	260	286	278	10
15. Fluoride as F mg/L	1	1	1	1.1	1	1.1	1	1	1	1.1	1	1.1
16. Sulphate as SO <sub>4</sub> mg/L	200	400	263	361	261	334	298	283	232	345	229	233
17. Phosphate as PO <sub>4</sub> mg/L	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Samples: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20 The Given Water Samples are Chemically POTABLE												
Note: The Samples are collected at source before distribution residual chloride level should be maintained at distribution point												
								FOA / GISA / Hm (Chemist)				
								KATTANKULATHUR BLOCK LABORATORY				
								TWAD BOARD				
								CHENGALPATTU DISTRICT.				

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD								
KATTANKULATHUR BLOCK LEVEL LABORATORY								
TEST WATER BEFORE TASTE								
Tambaram Corporation Zone-1								
ar and Thiruneer Malai Overhead Reservoir Tanks						DATE OF COLLECTION:		26.10.2023
						DATE OF RECEIPT:		27.10.2023
Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.1 Sankar Nargar OHT(1)	Sample No.2 Sankar Nagar 30th Street (1A)	Sample No.3 Bajar Steet OHT(2)	Sample No.4 Aiothiamman Kovil Street (2A)	Sample No.5 Mettu Street (3)	sample No.6 Mettu Steet (3A)	
<b>I. PHYSICAL EXAMINATION</b>								
	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
5	15	2	2	2	2	2	2	2
Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
1	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
500	2000	495	488	501	489	491	493	
no/cm	-	-	347	342	351	342	344	345
<b>II. CHEMICAL EXAMINATION</b>								
6.5-8.5	6.5-8.5	7.3	7.4	7.2	7.7	7.5	7.7	
200	600	256	245	273	250	270	272	
200	600	445	392	372	375	320	317	
0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
-	-	-	-	-	-	-	-	
45	45	12	10	10	9	15	12	
250	1000	150	125	140	131	130	123	
1	1	1.1	1	1.1	1.1	1	1.1	
200	400	122	112	151	145	159	140	
-	-	0.0	0.0	0.0	0.0	0.0	0.0	
Given Water Samples are Chemically <b>POTABLE</b> .								
Source before distribution residual chloride level should be maintained at distribution point								
						For / <i>le. A. B.</i>		
						JUNIOR WATER ANALYST		
						KATTANKULATHUR LABORATORY		
						CHENGALPATTU		



<b>TAMILNADU WATER SUPPLY AND DRAINAGE BOARD</b>					
<b>KATTANKULATHUR BLOCK LEVEL LABORATORY</b>					
<b>TEST WATER BEFORE TASTE</b>					
<b>THAMBARAM CORPORATION OPENWELL ZONE-3</b>					
				<b>DATE OF COLLECTION: 11-10-2023</b>	
				<b>DATE OF RECEIPT: 12-10-2023</b>	
<b>BIS 10500:2012</b>	<b>Acceptable Limit</b>	<b>Permissible Limit</b>	<b>SAMPLE NO:1 OPEN WELL</b>	<b>SAMPLE NO:2 OPEN WELL</b>	<b>SAMPLE NO: 3 OPEN</b>
<b>I. PHYSICAL EXAMINATION</b>					
1. Appearance	-	-	Clear and colourless	Clear and colourless	Clear and colourless
2. Colour	5	15	<2	<2	< 2
3. Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4. Turbidity NT Units	1	5	0.2	0.2	0.2
5. Total Dissolved Solids mg/L	500	2000	322	408	410
6. Electrical Conductivity Micro mho/cm	-	-	460	584	587
<b>II. CHEMICAL EXAMINATION</b>					
7. pH	6.5-8.5	6.5-8.5	7.2	7.3	7.5
8. Total Alakalinity as CaCo3 mg/L	200	600	110	150	180
9. Total Hardness as CaCo3 mg/L	200	600	200	230	210
10. Iorn Fe mg/L	0.3	0.3	0	0	0
11. Free Ammenia as NH3 mg/L	0.5	0.5	0.0	0.0	0.0
12. Nitrite NO2 mg/L	-	-	0	0	0
13. Nitrate NO3 mg/L	45	45	9	8	10
14. Chloride as CL mg/L	250	1000	130	110	120
15. Fluride as F mg/L	1	1.5	1	1	1
16. Sulphate as SO4 mg/L	200	400	134	104	147
17. Phosphate as PO4 mg/L	-	-	0	0	0
<b>Report:</b> Samples 1,2&3: The given water samples are Chemically POTABLE					
<b>NOTE:</b> The Samples are collected at source before distribution residual chloride level should be maintained at distribution point					
			<i>for. Vyayalashy P</i> Junior water Analyst		
			Kattankulathur block level laboratory		
			chengalpattu district		

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD								
KATTANKULATHUR BLOCK LEVEL LABORATORY								
TEST WATER BEFORE TASTE								
THAMBARAM CORPORATION								
						DATE OF COLLECTION:	13.10.2023	
						DATE OF RECEIPT:	13.10.2023	
BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.1 Babu Street OHT	Sample No.2 2nd Main Road OHT	Sample No.3 Thirumal Nagar, Kartick Avenue ward No.44	Sample No.4 Anna Nagar Chitlapakkam	Sample No.5 sembakkam Office Complex	sample No.6 kannagi street, sembakkam
<b>I. PHYSICAL EXAMINATION</b>								
1. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
2. Colour	5	15	2	2	2	2	2	2
3. Odour	Agreeable	Agreeable	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
4. Turbidity NT Units	1	5	0.2	0.2	0.2	0.2		0.2
5. Total Dissolved Solids mg/L	500	2000	446	619	438	443	667	446
6. Electrical Conductivity Micro mho/cm	-	-	638	885	627	634	954	638
<b>II. CHEMICAL EXAMINATION</b>								
7. pH	6.5-8.5	6.5-8.5	7.5	7.3	7.9	7.7	7.5	7.2
8. Total Alakalinity as CaCo3 mg/L	200	600	200	210	200	300	320	200
9. Total Hardness as CaCo3 mg/L	200	600	320	390	380	390	400	385
10. Iron Fe mg/L	0.3	0	0.0	0	0	0	0	0
11. Free Ammonia as NH3 mg/L	0.5	0.5	0.2	0.1	0.2	0.2	0.2	0.1
12. Nitrite NO2 mg/L	-	-	-	-	-	-	-	-
13. Nitrate NO3 mg/L	45	45	8	10	8	12	9	11
14. Chloride as CL mg/L	250	1000	200	250	150	210	200	100
15. Fluride as F mg/L	1	1	1	1.1	1.1	1	1.1	1.1
16. Sulphate as SO4 mg/L	200	400	254	250	191	256	264	121
17. Phosphate as PO4 mg/L	-	-	0.0	0	0	0	0	0
<b>Report :</b> Sample : 1,2,3,4,5&6 The Given Water Samples are Chemically <b>POTABLE</b> .								
<b>Note:</b> The Samples are collected at source before distribution residual chloride level should be maintained at distribution point								
						<div style="text-align: center;">   Junior water Analyst  Kattankulathur block level laboratory  chengalpattu district </div>		



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD							
KATTANKULATHUR BLOCK LEVEL LABORATORY							
TEST WATER BEFORE TASTE							
THAMBARAM CORPORATION ZONE-3							
Location: Sembakkam, Cittalapakkam and Madambakkam Combined Drinking Water Scheme					DATE OF COLLECTION		26.10.2023
Source: OHT Water Tank					DATE OF RECEIPT		27.10.2023
BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.1 Babu Street water tank	Sample No.2 2nd Main Road water tank	Sample No.3 Sembakkam Office Complex	Sample No.4 Masuthi Colony Sembakkam	Sample No.5 Valliammai Street, Sitalapakkam
<b>I. PHYSICAL EXAMINATION</b>							
1. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
2. Colour	5	15	2	2	2	2	2
3. Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4. Turbidity NT Units	1	5	0.2	0.2	0.2	0.2	0.2
5. Total Dissolved Solids mg/L	500	2000	925	710	1231	747	915
6. Electrical Conductivity Micro mho/cm	-	-	648	497	862	523	641
<b>II. CHEMICAL EXAMINATION</b>							
7. pH	6.5-8.5	6.5-8.5	7.5	7.2	7.1	7	7.3
8. Total Alkalinity as CaCO <sub>3</sub> mg/L	200	600	420	400	340	320	380
9. Total Hardness as CaCO <sub>3</sub> mg/L	200	600	240	370	350	330	340
10. Iron Fe mg/L	0.3	0	0.0	0.0	0.0	0.0	0.0
11. Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0.2	0.1	0.2	0.1	0.0
12. Nitrite NO <sub>2</sub> mg/L	-	-	-	-	-	-	-
13. Nitrate NO <sub>3</sub> mg/L	45	45	12	10	9	10	12
14. Chloride as CL mg/L	250	1000	150	120	140	160	190
15. Fluoride as F mg/L	1	1.5	1	1	1.1	1.1	1
16. Sulphate as SO <sub>4</sub> mg/L	200	400	90	80	60	100	90
17. Phosphate as PO <sub>4</sub> mg/L	-	-	0.0	0.0	0.0	0.0	0.0
<b>Report:</b> Sample : 1,2,3,4 & 5 The Given Water Samples are Chemically <b>POTABLE</b> .							
<b>Note:</b> The Samples are collected at source before distribution residual chloride level should be maintained at distribution point							
					For / <i>K. S. S.</i>		
					JUNIOR WATER ANALYST		
					KATTANKULATHUR BLOCK LABORATORY		
					CHENGALPATTU DISTRICT.		