TAMILNADU WATER SUPPLY AND DRAINAGE BOARD KATTANKULATHUR BLOCK LEVEL LABORATORY TEST WATER BEFORE TASTE TAMBARAM CORPORATION ZONE-4 Location: West Tambaram Overhed Reservoir Tank DATE OF COLLECTION 30.10.2023 Source: **OHT Water Tanks** 31.10.2023 DATE OF RECEIPT Permissible sample No.8 Sample No.4 Limit in the Sample No.1 Sample No.7 Sample No.9 Sample No.2 Sample No.3 Sample No.5 Sample No.6 BIS 10500:2012 Acceptable 13TH Street Tamil park Absence of Muthurangam Krishna nagar Krishna nagar CTO Colony Cone krishna Ranganathapuram 6th Tamil park Limit CTO colony mangalapuram OHT-5 Alternative park OHT-1 park OHT -3 8th street -3A OHT-4 cross street -1A OHT-2 4% 3rd street -2A Source L PHYSICAL EXAMINATION Clear & 1. Appearance Clear & Colourless Clear & Colourless Colourless Colourless Colourless Colourless Colourless Colourless Colourless 2. Colour 5 15 2 2 2 2 2 2 2 2 3. Odour Odourless Odourless Agreeable Odourless Odourless Agreeable Odourless Odourless Odourless Odourless 0.2 4. Turbidity NT Units 0.2 0.1 0.1 1 5 0.1 0.1 0.2 0.2 0.1 761 748 5. Total Dissolved Solids mg/L 500 2000 752 754 763 752 763 763 765 6. Electrical Conductivity Micro 534 526 536 528 534 524 534 526 mho/cm II. CHEMICAL EXAMINATION 7.6 7.8 7.7 7.9 8 7.5 7.6 7.8 6.5-8.5 8.1 6.5-8.5 7. pH 324 264 264 268 288 312 268 264 600 244 200 8. Total Alakalinity as CaCo3 mg/L 220 256 252 408 240 176 220 220 244 600 200 9. Total Hardness as CaCo3 mg/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0 10. Iom Fe mg/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.5 11. Free Ammonia as NH3 mg/L 12. Nitrite NO2 mg/L 12 8 9 8 8 11 11 10 8 45 45 13. Nitrate NO3 mg/L 248 220 224 214 240 300 216 216 216 1000 250 14. Chloride as CL mg/L 1 0.9 1.1 1 1.1 1 0.9 1 1 1 15. Fluride as F mg/L 106 109 105 103 130 114 104 400 99 200 16. Sulphate as SO4 mg/L 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 17. Phosphate as PO4 mg/L -

BIS 10500:2012	Acceptable Limit	Permissible Limit in the Absence of Alternative Source	Sample No.10 Management street -5A	Sample No.11 Thiruneermal ai 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
		The state of the s	PHYSICAL EXA	MINATION				
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
Total Dissolved Solids mg/L.	500	2000	763	752	765	754	763	752
Electrical Conductivity Micro mho/cm	-	-	534	526	536	528	534	526
		11.	CHEMICAL EX	AMINATION				
7. pH	6.5-8.5	6.5-8.5	8.1	7.8	7.7	7.9	8	7.5
Total Alakalinity as CaCo3 mg/L	200	600	244	264	268	288	312	268
9. Total Hardness as CaCo3 mg/L	200	600	220	220	244	408	240	176
10. lom Fe mg/L	0.3	0	0.0	0.0	0.0	0.0	0.0	0.0
11. Free Ammonia as NH3 mg/L	0.5	0.5	0,0	0.0	0.0	0.0	0.0	0.0
12. Nitrite NO2 mg/L	-	-	-	-	-	-	-	- 8
13. Nitrate NO3 mg/L	45	45	8	10	8	11	11	214
14. Chloride as CL mg/L	250	1000	216	216	216	300	224	1.1
15. Fluride as F mg/L	1.	1	1	0.9	1	1	1.1	105
16. Sulphate as SO4 mg/L	200	400	99	104	103	130	0.0	0.0
7 Phaenhate as PO4 mg/l	-	-	0.0	0.0	0.0	0.0	0.0	1 0.0
	8,9,10,11,12,13,14	,15 The Given '	Water Samples ar	e Chemically PC	TABLE	tion point		
Report: Samples: 1,2,3,4,5,6,7, Note: The Samples are collected	at source before d	listribution resid	fual chloride leve	I should be main	named at distribe	d /	11	1/
						TOT /	UNIOR WATR	NALYST
							NKULATHUR	
						10.71	CHENGALP	

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 Ist Street Malagananthap- uram	Sample No.18 Durnikannu 4th Street	Sample No.19 Rajandberan Nagar	Sample No.20 Rajaji Street
				I. PHYSIC	AL EXAM	INATIO	4					-
1. Appearance			Clear &	Clear &	Clear &	Clear & Colourles	Clear &	Clear &	Clear &	Clear &	Clear &	Clear &
2. Colour	5	15	Colourless 2	Colourless 2	2	2	Colourless 2	Colourless 2	Colourless	Colourless 2	Colouriess	Colourte
3. Odour	Agreeable	Agrecable	Agreeable	Agreeable		Agreeable	Agreeable	_	2	Agreeable	Agrocable	2 Agreeable
4. Turbidity NT Units	regreeative	5	0.2	0.2.	0.2	0.1	0.2	Agreeable 0.1	Agreeable	0.1	0.1	0.2
5. Total Dissolved Solids mg/L	500	2000	478	698	525	448	469	546	. 0.1	482	477	546
6. Electrical Conductivity Micro mho/cm		-	335	189	368	314	328	382	497 347	337	334	382
				II. CHEMIC				362	3-47	25.		
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 Alakalinity as CaCo3 mg/L	200	600	310	448	360	480	360	360	320	408	309	332
. Total Hardness as CaCo3 mg/L	200	600	354	472	344	592	488	480	396	592	552	533
0. lom 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
1. Free Ammonia as NH3 mg/L	0.5	0.5	0.2	0.5	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
2. Nitrite NO2 mg/L		-			-	-	-	-	-	-	-	-
3. Nitrate NO3 mg/L	45	45	11	8	14	12	14	10	15	17	12	10
Chloride as CL mg/L	250	1000	154	204	112	288	220	204	260	286	278	10
Fluride as F mg/L	1	1	1	1.1	1	1.1	1	1	1	1.1	1	1.1
Sulphate as SO4 mg/L	200	400	263	361	261	334	298	283	232	345	229	23.
. Phosphate as PO4 mg/L	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
amples: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	5,16,17,18,19,20	The Given War	ter Samples are	Chemically Po	OTABLE							
lote: The Samples are collected at source b				CONTRACTOR OF THE PARTY OF THE		ution point		FOOL	1615a	1-12		
										(Chemist)		
					1111111				KATTANKULA	THUR BLOCK	LABORATOR	RY
			MINIT			7				TWAD BOAR	D	
									CHEN	GALPATTU D	HTRICT	

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

KATTANKULATHUR BLOCK LEVEL LABORATORY

TEST WATER BEFORE TASTE

Tambaram Corporation Zone-I

r and 11	uruneer Malai Ov	erhead Reservoir Tanks				DATE OF CO	LLECTION:	26.10.2023
		I was a second				DATE OF E	The state of the s	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 Steeet OHT(2)	Sample No.4 Aiothiamman Kovil Street (2A)		sample No.6 Mettu Steet (3A)
			L PHYSICAL	EXAMINATION		Sittifasi		
	-		Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless
	5	15	2	2	2	2	2	2
	Agrecable	Agreeable	Agrecable	Agreeable	Agrecable	Astrocable	Agrecable	Agrecable
	1	5	0.2	0.2	0.2	0.2	0.2	0.2
	500	2000	495	488	501	489	491	493
/cm		-	347	342	351	342	344	345
			IL CHEMICAL	EXAMINATION				313
	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	11
	200	400	122	112	151	145	159	140
			0.0	0.0	0.0	0.0	0.0	0.0

iven Water Samples are Chemically POTABLE.

ource before distribution residual chloride level should be maintained at distribution point

For/le.Al.

JUNIOR WATR ANALYST

KATTANKULATHUR LABORATORY

CHENGALPATTU

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD KATTANKULATHUR BLOCK LEVEL LABORATORY TEST WATER BEFORE TASTE THAMBARAM CORPORATION OPENWELL ZONE-3 DATE OF COLLECTION: 11-10-2023 **DATE OF RECEIPT: 12-10-2023** BIS 10500:2012 Permissible Limit | SAMPLE NO:1 OPEN WELL | SAMPLE NO:2 OPEN WELL Acceptable Limit SAMPLE NO: 3 OPEN I. PHYSICAL EXAMINATION 1. Appearance Clear and colourless Clear and colourless Clear and colourless 2. Colour 5 15 < 2 3. Odour Agreeable Agreeable Agreeable Agreeable Agreeable 4. Turbidity NT Units 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 II. CHEMICAL EXAMINATION 7. pH 6.5-8.5 6.5-8.5 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 Ammonia 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 1.5 1 16. Sulphate as SO4 mg/L 200 400 134 104 147 17. Phosphate as PO4 mg/L 0 0 Report: Samples 1,2&3: 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 Dyay a lak Junior water Analyst Kattankulathur block level laboratory chengalpattu district

			WATER SUPPLY						
		KATTANKU	LATHUR BLOCI	K L	EVEL LABO	RATORY			
		Г	TEST WATER BE	EFC	ORE TASTE				
		T	HAMBARAM CO	OR	PORATION				•
							DATE OF COLL	ECTION:	13.10.2023
							DATE OF RECE	CIPT:	13.10.2023
BIS 10500:2012	Acceptable Limit	Alternative Source	Sample No.1 Babu Street OHT	2	Sample No.2 nd 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
		I. PHYS	ICAL EXAMINAT	101	<u> </u>		1		
1. Appearance	-	-	Clear & Colourless	Ck	ear & 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
		II. CHEN	IICAL EXAMINAT	LIO	N				
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	L	210	200	300	320	200
9. Total Hardness as CaCo3 mg/L	200	600	320	_	390	380	390	400	385
10. Iorn 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	L	0.1	0.2	0.2	0.2	0.1
12. Nitrite NO2 mg/L	-	-	-	\perp	-	-	-	-	-
13. Nitrate NO3 mg/L	45	45	8	\perp	10	8	12	9	11
14. Chloride as CL mg/L	250	1000	200	\perp	250	150	210	200	100
15. Fluride as F mg/L	I	1	I	L	1.1	1.1	1	1.1	1.1
16. Sulphate às SO4 mg/L	200	400	254	L	250	191	256	264	121
17. Phosphate as PO4 mg/L	-	-	0.0		0	0	0	0	0
Report: Sample: 1,2,3,4,5&6 The Giv	ven Water Samples	are Chemically POTA	ABLE.						
Note: The Samples are collected at sou				tain	ned at distribution	n point	fo	7. Haya	
The campies are concered at sor		4					1	Junior water Apalys	
							Kattani	kulathur block level la	boratory
								chengalpattu district	
120									

	,			DRAINAGE BOARD				
	-		HUR BLOCK LEV					
			WATER BEFORE					
			ARAM CORPORATIO	JN ZUNE-3	DATEOF	COLLECTION	26.10.2023	
ocation: Sembakkam, Cittalapakkam and		F RECEIPT	27.10.2023					
ource: OHT Water Tank					DATE	of Recent 1	27.10.2020	
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 Valliamm Street, Sitalapakkam	
		<u>I. Pl</u>	HYSICAL EXAMIN	ATION				
. Appearance	-	-	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	Clear & Colourless	
. Colour	5	15	2	2	2	2	2	
3. Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	
. Turbidity NT Units	1	5	0.2	0.2	0.2	0.2	0.2	
. Total Dissolved Solids mg/L	500	2000	925	710	123!	747	915	
6. Electrical Conductivity Micro mho/cm	-	-	648	497	862	523	641	
. Electrical Conductivity Priori mines con		II. C	HEMICAL EXAMI	NATION				
7. pH .	6.5-8.5	6.5-8.5	7.5	7.2	7.1	7	7.3	
3. Total Alakalinity as CaCo3 mg/L	200	600	420	400	340	320	380	
2. Total Hardness as CaCo3 mg/L	200	600	240	370	350	330	340	
10. Iorn Fe mg/L	0.3	0	0.0	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	0.1	0.0	
12. Nitrite NO2 mg/L	-	-	-	-	-	-	-	
13. Nitrate NO3 mg/L	45	45	12	{0	9	10	12	
14. Chloride as CL mg/L	250	1000	150	120	140	160	190	
15. Fluride as F mg/L	1	1.5	1	1	1.1	1.1	1	
16. Sulphate as SO4 mg/L	200	400	90	80	60	100	90	
17. Phosphate as PO4 mg/L	-	-	0.0	0.0	0.0	0.0	0.0	
Panarte Sample: 1234 & 5 The Give	en Water Samples are	Chemically POTAE	BLE.					
Note: The Samples are collected at sor	urce before distribution	on residual chloride le	evel should be mainta	ned at distribution poi		ATER ANALYST		
						NKULATHUR BLO	CK LABORATORY	
						CHENGALPATTU	DITRICT.	