

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
TANUR



District

MALAPPURAM



State

KERALA



Existing AMRUT City

No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Dineshkumar K S	Assistant Engineer	04942440235	9446855479	aetanur@gmail.com
Mayor.Pre	Shamsudheen	NA	04942440235	9744334420	Chairmantanurmunicipality@gmail.com
Municipal.C/C.Ofc	Manojkumar T	NA	04942440235	9995384611	tanurmunicipality@gmail.com
Head,W.S/S.De	ABDUL NASAR	NA	04942440235	8547638397	aetanur@gmail.com
HOD/P.H.de	Dr Hashim	NA	04942963684	9747474116	phctanur@gmail.com

Parastatal Agency

Any parastatal agency engaged? : **Yes**

No. Of Parastatal Agency : **1**

#	Organization name	Nodal officer name	Designation	Landline no.	Mobile no.	E-mail ID
1	ABDUL NASAR	WATER AUTHORITY AE	AE	04942440235	8547638397	aetanur@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	69534	Households (Census 2011)	17169	City area (sq. km.)	19.49
Wards in city	44	Slum settlements (No.)	0	Industries (No.)	12
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	83441	Households in 2021(no.)	20603
Population density	4281	Slum population in 2021	0	Slum households 2021	0




Future Projection

City population in 2025	90116	Households in 2025	22251	Slum households in 2025	0
-------------------------	-------	--------------------	-------	-------------------------	---

Engineering College/ Organization/ Experts Working in Water Sector in the ULB

#	Type	Entity name	Nodal officer name	Landline no.	Mobile no.	E-mail ID
1	Organization	KERALA WATER AUTHORITY	ABDULNASAR	04942411297	8547638397	aekwaparappanangadi@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	POORAPPUZHARIVER	
2	Water Body	CANOLI CANAL	
3	Women Self Help Group	KUDUMBASREE	

Water Supply

Major Water Sources Details

#	Type	Name / Location	No. of water tapping points	Quantity of water tapped in MLD	Location outside	Distance in km.
1	Well	Near Sobha School	1	.121	No	NA
2	Well	Near CHC	1	0.103	No	NA
3	Well	Kunnumpuram	1	0.06	No	NA
4	Well	Mukkola	1	0.182	No	NA
5	Well	Puthiyakadappuram	1	0.121	No	NA
6	Well	Cheerankadappuram	1	0.182	No	NA
7	Well	Pariyapuram	1	0.076	No	NA
8	Well	Ottumpuram	1	0.10	No	NA
9	Well	Chellikkad	1	0.06	No	NA

Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
No data available in table					

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	1157	1304	0.703
2	Commercial Establishments	128	NA	0.128
3	Industries	7	NA	0.140
4	Institutional Establishments	12	NA	0.024
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.703	Water supply directly through tankers in MLD	0	Water supply through tubewell & borewell in MLD	0
Treated water supply in MLD	0	Total water supply in MLD	0.703	Average per capita water supply in LPCD	133.114

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	13.517	Commercial establishments	0.160	Industries	0.175
Institutional establishments	0.030	Slums	0	Total	13.882
Are you going to met the 100% future demand through subsurface water source?	Yes	How much future demand in MLD will be met through subsurface water source?			NA

WB Rejuvenation & RWH

Rainwater Harvesting (RWH)

Is rainwater harvesting included in bylaws?	Yes	Status	Implemented	No. of water tanks at religious places in your city	5
---	-----	--------	-------------	---	---

Water Source Quality Assessment

#	Type	Name	Area	Photograph	Site latitude & longitude	Water quality assessment	Has the source rejuvenated
1	Water Body	Poorappuzha	0.00581			Bad	No
2	Water Body	Canoli Canal	0.0069			Bad	No
3	Water Body	Mukkathodu Kulam	0.00020			Bad	No
4	Water Body	Naduvathothodu	0.00024			Bad	No
5	Water Body	Palakkuttiyazhi Thodu	0.00012			Bad	No
6	Water Body	Palappuzhathodu	0.00010			Bad	No
7	Water Body	Perunthod	0.00025			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.562	Sewage treated through STP in MLD	0

Household not connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0	Sewage treated through STP in MLD	0

Septage Coverage

No. of households covered	0	Sewage generated in MLD	0	Sludge treated through FSSM in KLD	0	Grey water recycled in MLD	0
---------------------------	---	-------------------------	---	------------------------------------	---	----------------------------	---

Sewage Treatment Plants (STP)

#	Location of STP	Designed capacity in MLD	Operational capacity in MLD	Reused capacity in MLD	Reuse purpose	Revenue from reused water	Automatic monitoring?	Technology used
No data available in table								

City Water Balance Plan Summary

Current Infrastructure assets/supply FY21-22 (A)		Projected consumption/demand FY25-26 (B)		Estimated gap FY25-26 (C)= (B)-(A)	
Water Supply					
Water supplied to households	0.703	Water demand	13.882	Gap in water supply	13.179
Water treatment capacity	0	Water to be treated	13.882	Gap in water treatment	13.882
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	1304	Total households including slums	22251	Gap in households tap connections including slums	20947
Used Water					
Used water being treated	0	Used water generation	10.814	Gap in used water treatment	10.814
Used water being recycled	0	Used water to be recycled (20%)	2.163	Gap in used water recycling	2.163
Sewer connections provided (including coverage with septage management)	0	Total households	22251	Gap in household sewer connections/ coverage with septage management	22251