

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
MATTANNUR (M)



District
KANNUR



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Pranam K T	Assistant Engineer	04902471226	9961958053	memtnr@gmail.com
Mayor.Pre	Anitha Venu	NA	04902471226	9496710218	munofmtnr@gmail.com
Municipal.C/C.Ofc	Vinod Kumar S	NA	04902471226	7736324517	munofmtnr@gmail.com
Head,W.S/S.De	Nouphal T V	NA	04902473009	8547638281	wsmattannur@gmail.com
HOD/P.H.de	Sushama K	NA	04902473500	9446382278	ghmtnr@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	Kerala Water Authority	Nouphal T V	Assistant Executive Engineer	04902473009	8547638281	wsmattannur@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	47196	Households (Census 2011)	11653	City area (sq. km.)	54.15
Wards in city	35	Slum settlements (No.)	0	Industries (No.)	534
Industrial clusters	1	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	56635	Households in 2021(no.)	13984
Population density	1046	Slum population in 2021	0	Slum households 2021	0



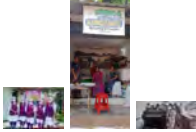
Future Projection

City population in 2025	61166	Households in 2025	15103	Slum households in 2025	0
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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	Nouphal T V	AEE KWA	04902473009	8547638281	wsmattannur@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Illambagam Elottu Pond	
2	Water Body	Perinchery Pond	
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	Dam	Pazhassi	1	40	Yes	2
2	Well	Public Well	10	0.01	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
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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	1840	2091	1.118
2	Commercial Establishments	204	NA	0.204
3	Industries	2	NA	0.040
4	Institutional Establishments	45	NA	0.090
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	1.118	Water supply directly through tankers in MLD	0.001	Water supply through tubewell & borewell in MLD	0.004
Treated water supply in MLD	0	Total water supply in MLD	1.123	Average per capita water supply in LPCD	132.018

Estimated Future Water Demand in 2025 (in MLD)






Residential/ Households including slums	9.175	Commercial establishments	0.255	Industries	0.050
Institutional establishments	0.113	Slums	0	Total	9.593000000000002
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	2
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Water Source Quality Assessment

#	Type	Name	Area	Photograph	Site latitude & longitude	Water quality assessment	Has the source rejuvenated
1	Water Body	Illambagam Elottu Kulam	0.00004		11.92163 - 75.57709	Bad	No
2	Water Body	Kara Chandroth Kulam	0.00005			Bad	No
3	Water Body	Karetta Balan Kulam	0.00002			Bad	No
4	Water Body	Perinjery Pond	0.00040			Bad	No
5	Community Well	Perinchery public well	.00005			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.898	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
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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	1.123	Water demand	9.593	Gap in water supply	8.47
Water treatment capacity	0	Water to be treated	9.593	Gap in water treatment	9.593
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	2091	Total households including slums	15103	Gap in households tap connections including slums	13012
Used Water					
Used water being treated	0	Used water generation	7.34	Gap in used water treatment	7.34
Used water being recycled	0	Used water to be recycled (20%)	1.468	Gap in used water recycling	1.468
Sewer connections provided (including coverage with septage management)	0	Total households	15103	Gap in household sewer connections/ coverage with septage management	15103