

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
TALIPARAMBA (M)



District
KANNUR



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	George Thomas Chirayil	Assistant Engineer	04602202259	9625389969	metpbamlt@gmail.com
Mayor.Pre	Murshiida Kongai	NA	04602202259	7356905070	murshiayyooob1996@gmail.com
Municipal.C/C.Ofc	Sreerag M S	NA	04602202259	9895514368	secthaliparamba@gmail.com
Head,W.S/S.De	Suraja Nair	NA	04602203230	8547638301	eewsdntpba@gmail.com
HOD/P.H.de	Jayaprakash C	NA	04972705902	8547638025	sephcalp@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	KWA	Suraja Nair	Executive Engineer	04602203230	8547638301	eewsdntpba@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	44247	Households (Census 2011)	11881	City area (sq. km.)	18.92
Wards in city	34	Slum settlements (No.)	0	Industries (No.)	269
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	48672	Households in 2021(no.)	12892
Population density	2573	Slum population in 2021	0	Slum households 2021	0




Future Projection

City population in 2025	50619	Households in 2025	12499	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	KWA	Jayaprakash C	04972705902	8547638025	sephcalp@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Kuppam River	
2	Sewage Treatment Plant/ Water Treatment Plant	Palayad STP	
3	Water Body	Rajarajeswary Temple Pond	

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	River	Peruvalath Paramb	1	6	Yes	48

Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
1	Peruvalath Paramb	6	6	Peruvalath Paramb	Other(Lamella Clarifier)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	7038	7503	3.986
2	Slums	0	0	0
3	Commercial Establishments	459	NA	0.459
4	Industries	6	NA	0.120

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	3.986	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	3.986	Average per capita water supply in LPCD	140.543

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	7.593	Commercial establishments	0.574	Industries	0.150
Institutional establishments	0.250	Slums	0	Total	8.567
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
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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	Kuppam River	0.5			Bad	No
2	Water Body	Rajarajeswary Temple Pond	0.0025			Bad	No
3	Community Well	Trichambaram neer dream palace	.00028			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	3.189	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
1	Palayad	0.5	0.5	0.5	Agriculture		No	NA

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	3.986	Water demand	8.567	Gap in water supply	4.581
Water treatment capacity	6	Water to be treated	8.567	Gap in water treatment	2.567
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	7503	Total households including slums	12499	Gap in households tap connections including slums	4996
Used Water					
Used water being treated	0	Used water generation	6.074	Gap in used water treatment	6.074
Used water being recycled	0.5	Used water to be recycled (20%)	1.215	Gap in used water recycling	0.715
Sewer connections provided (including coverage with septage management)	0	Total households	12499	Gap in household sewer connections/ coverage with septage management	12499