

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
SHORANUR (M)



District
PALAKKAD



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Ashif M A	Assistant Engineer	04662222427	9446905340	municipalengineersh ornur@gmail.com
Mayor.Pre	M K JAYAPRAKASH	NA	04662222427	9946554128	jayaprakashmk6@g mail.com
Municipal.C/C.Ofc	PRAMOD K	NA	0466222249	9037902208	secretaryshornur1@ gmail.com
Head,W.S/S.De	Salim T K	NA	04662963264	8547638065	kwaphdsrr@gmail.c om
HOD/P.H.de	Vismal E P	NA	04662222427	9446021449	vismal05@gmail.co m

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	Manoj Kumar	Assistant Executive Engineer	0491-2547044	8547638325	wspdivisionpkd@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	43528	Households (Census 2011)	10748	City area (sq. km.)	32.33
Wards in city	33	Slum settlements (No.)	0	Industries (No.)	143
Industrial clusters	2	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	52234	Households in 2021(no.)	12897
Population density	1616	Slum population in 2021	0	Slum households 2021	0





Future Projection

City population in 2025	56413	Households in 2025	13929	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	Integrated Rural Technology Center Project Implementation Unit Mundur	A M Balakrishnan	0491-2835663	9496404993	piu@irtc.org.in

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Bharathappuzha Check Dam	
2	Park	Park	
3	Sewage Treatment Plant/ Water Treatment Plant	Water Treatment Plant	
4	Women Self Help Group	Women Self Help Group	

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	Bharathapuzha	1	25	No	NA
2	Borewell	City Water Supply Schemes	14	.5	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
1	UWSS To Shornur Municipality and Vaniamkulam Panchayath Shornur	10	10	Bharathapuzha	Other(Nil)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	8573	8567	5
2	Commercial Establishments	484	NA	3
3	Industries	6	NA	1
4	Institutional Establishments	344	NA	1
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	5	Water supply directly through tankers in MLD	0	Water supply through tubewell & borewell in MLD	0.5
Treated water supply in MLD	0	Total water supply in MLD	5.5	Average per capita water supply in LPCD	144.107

Estimated Future Water Demand in 2025 (in MLD)


Residential/ Households including slums	8.5	Commercial establishments	5	Industries	2
Institutional establishments	2	Slums	0	Total	17.5
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	12
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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	Bharathappuzha	600		10.758 - 76.284	Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	4.4	Sewage treated through STP in MLD	0

Household not connected to sewer network					
No. of households covered	10748	Sewage generated in MLD	4.4	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	5.5	Water demand	17.5	Gap in water supply	12
Water treatment capacity	10	Water to be treated	17.5	Gap in water treatment	7.5
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	8567	Total households including slums	13929	Gap in households tap connections including slums	5362
Used Water					
Used water being treated	0	Used water generation	6.8	Gap in used water treatment	6.8
Used water being recycled	0	Used water to be recycled (20%)	1.36	Gap in used water recycling	1.36
Sewer connections provided (including coverage with septage management)	0	Total households	13929	Gap in household sewer connections/ coverage with septage management	13929