

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
RAMANATTUKARA



District
KOZIKODE



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Hiran T	Assistant Engineer	04952442095	9497306468	aelsgdrkara@gmail.com
Mayor.Pre	Bushra Rafeeq	NA	04952440095	9744111606	bushraareeparambil@gmail.com
Municipal.C/C.Ofc	Jesitha PJ	NA	04952440095	7034385160	ramanattukaracity@gmail.com
Head,W.S/S.De	Hiran T	NA	04952442095	9497306468	aelsgdrkara@gmail.com
HOD/P.H.de	BABU E	NA	04952440095	9495611621	ramanattukaracity@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	Abdullah	Assistant Engineer		8547638571	aerwsbypore@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	35937	Households (Census 2011)	8873	City area (sq. km.)	11.71
Wards in city	31	Slum settlements (No.)	0	Industries (No.)	0
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	43124	Households in 2021(no.)	10648
Population density	3683	Slum population in 2021	0	Slum households 2021	0




Future Projection

City population in 2025	46574	Households in 2025	11500	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	KERALA WATER AUTHORITY	Abdullah		8547638571	aerwsbypore@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Women Self Help Group	KUDUMBASREE	
2	Park	CHILDRENS PARK	
3	Water Body	CHALIYAR RIVER	

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	Chaliyar River	1	4.5	Yes	20

Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
1	CHALIYAR RIVER	4.5	4.5	Chaliyar River	Other(Analytics)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	2818	2818	1.712
2	Commercial Establishments	61	NA	0.061
3	Slums	0	0	0
4	Industries	0	NA	0
5	Institutional Establishments	1	NA	1.85

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	1.712	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	1.712	Average per capita water supply in LPCD	150.006

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	6.986	Commercial establishments	0.076	Industries	0.250
Institutional establishments	2.313	Slums	0	Total	9.625
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	10
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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	CHALIYAR RIVER	0.2			Good	No
2	Community Well	WITHIN ULB	0.01			Good	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	1.434	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	1.712	Water demand	9.625	Gap in water supply	7.913
Water treatment capacity	4.5	Water to be treated	9.625	Gap in water treatment	5.125
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	2818	Total households including slums	11500	Gap in households tap connections including slums	8682
Used Water					
Used water being treated	0	Used water generation	5.589	Gap in used water treatment	5.589
Used water being recycled	0	Used water to be recycled (20%)	1.118	Gap in used water recycling	1.118
Sewer connections provided (including coverage with septage management)	0	Total households	11500	Gap in household sewer connections/ coverage with septage management	11500