

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
KODUVALLY



District
KOZIKODE



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	SUJITH P	SUPERINTENDENT	04952210238	9447544421	koduvallymunicipality@gmail.com
Mayor.Pre	ABDURAHIMAN V	NA	04952210238	9539575352	koduvallymunicipality@gmail.com
Municipal.C/C.Ofc	PRAVEEN A	NA	04952210238	6238465051	koduvallymunicipality@gmail.com
Head,W.S/S.De	Sathyan UK	NA	04952213960	8547638210	eephdkkd@gmail.com
HOD/P.H.de	SASI NADUVILAKKAND I	NA	04952210238	8547638210	koduvallymunicipality@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	Sathyan UK	Asst Engineer	04952213960	8547638210	eephdkkd@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	48687	Households (Census 2011)	12021	City area (sq. km.)	23.85
Wards in city	36	Slum settlements (No.)	0	Industries (No.)	1
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	58424	Households in 2021(no.)	14426
Population density	2450	Slum population in 2021	0	Slum households 2021	0

Future Projection

City population in 2025	63098	Households in 2025	15580	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	Asst Engineer	04952213960	8547638210	eephdkkd@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
No image uploded			

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	Cheru Puzha	1	0.710	No	NA
2	River	Poonoor River	1	0.142	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	1269	1269	0.815
2	Commercial Establishments	152	NA	0.152
3	Slums	0	0	0
4	Institutional Establishments	2	NA	0.004

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.815	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	0.815	Average per capita water supply in LPCD	158.577

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	9.465	Commercial establishments	0.190	Industries	0.250
Institutional establishments	0.005	Slums	0	Total	9.91
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	Poonoor River	0.291			Good	No
2	Water Body	Cherupuzha River	0.273			Good	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.652	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	0.815	Water demand	9.91	Gap in water supply	9.095
Water treatment capacity	0	Water to be treated	9.91	Gap in water treatment	9.91
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	1269	Total households including slums	15580	Gap in households tap connections including slums	14311
Used Water					
Used water being treated	0	Used water generation	7.572	Gap in used water treatment	7.572
Used water being recycled	0	Used water to be recycled (20%)	1.514	Gap in used water recycling	1.514
Sewer connections provided (including coverage with septage management)	0	Total households	15580	Gap in household sewer connections/ coverage with septage management	15580