

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
SREEKANDAPURAM



District
KANNUR



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Bipin Davy	Assistant Engineer		8547917164	aeskpmunicipality@gmail.com
Mayor.Pre	Philomina Teacher	NA	04602230261		skpm.gov@gmail.com
Municipal.C/C.Ofc	Hazeena K P	NA	04602230261	8921436190	skpm.gov@gmail.com
Head,W.S/S.De	Muhammed Haneesh	NA	04602257511	8547638302	aeehwsd@gmail.com
HOD/P.H.de	Abdul Rafeeq	NA	04602230261	9447684112	skpm.gov@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	Muhammed Haneesh	Assistant Executive Engineer	04602257511	8547638302	aeehwsd@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	33489	Households (Census 2011)	8211	City area (sq. km.)	68.72
Wards in city	30	Slum settlements (No.)	0	Industries (No.)	2
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	37826	Households in 2021(no.)	8897
Population density	550	Slum population in 2021	0	Slum households 2021	0





Future Projection

City population in 2025	42568	Households in 2025	9645	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	Muhammed Haneesh	04602257511	8547638302	aeehwsd@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Kamblary Pond	
2	Water Body	Nedungom Pond	
3	Water Body	Rajeev Nagar Pond	
4	Water Body	Uchath Kayam 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	Sreekandapuram River	0	0	No	NA
2	River	Water Authority Treatment Plant Peruvathuparamba	1	0.7	Yes	5

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	497	546	0.317
2	Commercial Establishments	48	NA	0.048
3	Industries	1	NA	0.150
4	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.317	Water supply directly through tankers in MLD	0.10	Water supply through tubewell & borewell in MLD	0
Treated water supply in MLD	0	Total water supply in MLD	0.41700000000000004	Average per capita water supply in LPCD	136.608

Estimated Future Water Demand in 2025 (in MLD)


Residential/ Households including slums	6.385	Commercial establishments	0.060	Industries	0.188
Institutional establishments	0.250	Slums	0	Total	6.882999999999999
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	20
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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	SREEKANDAPURAM RIVER	.40			Good	No
2	Water Body	RAJIV NAGAR PUBLIC POND	.0006			Good	No
3	Water Body	MADAMPAM REGULATOR BRIDGE	.15			Good	No
4	Water Body	KAMBLARY POND	.012			Good	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.334	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	0.41700000000000004	Water demand	6.883	Gap in water supply	6.466
Water treatment capacity	0	Water to be treated	6.883	Gap in water treatment	6.883
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	546	Total households including slums	9645	Gap in households tap connections including slums	9099
Used Water					
Used water being treated	0	Used water generation	5.108	Gap in used water treatment	5.108
Used water being recycled	0	Used water to be recycled (20%)	1.022	Gap in used water recycling	1.022
Sewer connections provided (including coverage with septage management)	0	Total households	9645	Gap in household sewer connections/ coverage with septage management	9645