

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
NEELESWARAM



District
KASARAGOD



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Rejeeshkumar C	Assistant Engineer		9846347010	aelsgdnlr@gmail.com
Mayor.Pre	Shantha TV	NA		9567846064	nileshwarammlty@gmail.com
Municipal.C/C.Ofc	Firoz Khan A	NA		8075330225	nileshwarammlty@gmail.com
Head,W.S/S.De	SETHU	NA		8289940521	
HOD/P.H.de	Kunhikrishnan	NA		9447112363	

Parastatal Agency

Any parastatal agency engaged? : **Yes**

No. Of Parastatal Agency : **2**

#	Organization name	Nodal officer name	Designation	Landline no.	Mobile no.	E-mail ID
1	Kerala Water Authority	Sethu	AE		8289940521	kwachv@gmail.com
2	KERALA WATER AUTHORITY	SETHU	ASSISTANT ENGINEER		8289940521	kwachv@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	39752	Households (Census 2011)	9815	City area (sq. km.)	26.77
Wards in city	32	Slum settlements (No.)	0	Industries (No.)	26
Industrial clusters	1	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	47702	Households in 2021(no.)	11778
Population density	1782	Slum population in 2021	0	Slum households 2021	0



Future Projection

City population in 2025	51518	Households in 2025	12720	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	Sethu		8289940521	kwachv@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	THEJASWINI RIVER	
2	Women Self Help Group	HARITHA KARMA SENA	

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	Well	PADINJATTAM KOZHIVAL	1	0.035	No	NA
2	Tube Well	CHIRAPPURAM	1	0.085	No	NA
3	Borewell	SUVARNAVALLY	1	0.062	No	NA
4	Borewell	ANGAKKALARI	1	0.018	No	NA
5	Borewell	POOVALAMKAI	1	0.045	No	NA
6	Borewell	THIRIKUNNU	1	0.037	No	NA
7	Well	VELUVAYAL	1	0.014	No	NA
8	Well	CHEMMAKKARA	1	0.068	No	NA
9	Well	THOTTUMPURAM	1	0.041	No	NA
10	Well	KOYAMBURAM	1	0.076	No	NA
11	Well	KOTTAPPURAM	1	0.068	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	971	971	0.590
2	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.59	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	0.59	Average per capita water supply in LPCD	150.03

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	7.728	Commercial establishments	0.250	Industries	0.250
Institutional establishments	0.250	Slums	0	Total	8.478
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	14
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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	NILESHWARAM KOVILAKAM CHIRA	1			Good	No
2	Water Body	NARAMKULANGARA KULAM	0.5			Good	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.472	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	0.59	Water demand	8.478	Gap in water supply	7.888
Water treatment capacity	0	Water to be treated	8.478	Gap in water treatment	8.478
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	971	Total households including slums	12720	Gap in households tap connections including slums	11749
Used Water					
Used water being treated	0	Used water generation	6.182	Gap in used water treatment	6.182
Used water being recycled	0	Used water to be recycled (20%)	1.236	Gap in used water recycling	1.236
Sewer connections provided (including coverage with septage management)	0	Total households	12720	Gap in household sewer connections/ coverage with septage management	12720