

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
NILAMBUR



District
MALAPPURAM



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	AFSAL C	Assistant Engineer		9846800249	aelsgdnilambur@gmail.com
Mayor.Pre	Mattummal Saleem	NA		9745909090	nilamburmunicipality@gmail.com
Municipal.C/C.Ofc	Binuji G	NA		9447390575	nilamburmunicipality@gmail.com
Head,W.S/S.De	Sayid Mahmood Thangal	NA		8547638405	aephnilambur@gmail.com
HOD/P.H.de	Aboobacker	NA		9447412244	mothqhnilambur@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	KWA	Sayid Mahmood Thangal	ASSISTANT ENGINEER		8547638405	aephnilambur@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	46342	Households (Census 2011)	11442	City area (sq. km.)	36.25
Wards in city	33	Slum settlements (No.)	0	Industries (No.)	4
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	55610	Households in 2021(no.)	13731
Population density	1534	Slum population in 2021	0	Slum households 2021	0

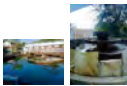


Future Projection

City population in 2025	60059	Households in 2025	14829	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	KWA	Sayid Mahmood Thangal		8547638405	aephnilambur@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Sewage Treatment Plant/ Water Treatment Plant	WTP	
2	Water Body	Chakkalakuth River	
3	Water Body	Public well	

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	Nilambur	1	4.5	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 Nilambur WTP	4	4	Nilambur	Other(Manually by Rapid Sand Filter)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	4287	4585	2.604
2	Commercial Establishments	269	NA	0.269
3	Industries	1	NA	0.020
4	Institutional Establishments	28	NA	0.056
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	2.604	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	2.604	Average per capita water supply in LPCD	140.232

Estimated Future Water Demand in 2025 (in MLD)










Residential/ Households including slums	9.009	Commercial establishments	0.336	Industries	0.025
Institutional establishments	0.070	Slums	0	Total	9.440000000000001
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	1
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Water Source Quality Assessment

#	Type	Name	Area	Photograph	Site latitude & longitude	Water quality assessment	Has the source rejuvenated
1	Community Well	PUBLIC WELL MUTHUKAD 2 NOS	0.00020			Bad	No
2	Community Well	CHANDHAKUNNU PUBLIC WELL	0.00027			Bad	No
3	Community Well	KULAKANDOM	0.00020			Bad	No
4	Community Well	PATHIPARA 1	0.00010			Bad	No
5	Community Well	PATHIPARA 2	0.00020			Bad	No
6	Community Well	NALLAMTHANNI	0.00020			Bad	No
7	Community Well	ARUVAKODE	0.00020			Bad	No
8	Community Well	RAMANKUTH 2 NOS	0.00027			Bad	No
9	Community Well	PAYYAMPALLI 1	0.00027			Bad	No
10	Community Well	PAYYAMPALLI 2	0.00020			Bad	No
11	Community Well	IRUTHAMPOYIL	0.00027			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	2.083	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	2.604	Water demand	9.44	Gap in water supply	6.836
Water treatment capacity	4	Water to be treated	9.44	Gap in water treatment	5.44
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	4585	Total households including slums	14829	Gap in households tap connections including slums	10244
Used Water					
Used water being treated	0	Used water generation	7.207	Gap in used water treatment	7.207
Used water being recycled	0	Used water to be recycled (20%)	1.441	Gap in used water recycling	1.441
Sewer connections provided (including coverage with septage management)	0	Total households	14829	Gap in household sewer connections/ coverage with septage management	14829