

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
PARAVOOR (M)



District
KOLLAM



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	RESHMA RAVI	ASSISTANT ENGINEER	04742512340	7403270233	paravurme@gmail.com
Mayor.Pre	SREEJA P	NA	04742512340	9895960971	paravurme@gmail.com
Municipal.C/C.Ofc	AJI K R	NA	04742512340	9446486291	secyparavur@gmail.com
Head,W.S/S.De	S VENKATESAPATHY IAS	NA		9447798383	mdunitkwa@gmail.com
HOD/P.H.de	Dr Y Abraham Ashok	NA		9447020991	chcnedungolam@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	Water Authority	Alphonse	Asst Engineer		8547638533	aephsectioncnr@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	37189	Households (Census 2011)	9182	City area (sq. km.)	16.19
Wards in city	32	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	44627	Households in 2021(no.)	11019
Population density	2756	Slum population in 2021	0	Slum households 2021	0



Future Projection

City population in 2025	48197	Households in 2025	11900	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	Santhosh H	04742590100	8547638533	aephsectioncnr@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Paravur lake	
2	Park	Nehru Park	

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	KALLADA	1	4	Yes	42

Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
1	JICA PUNALUR	4	4	KALLADA	SCADA

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	6236	6439	3
2	Commercial Establishments	102	NA	.5
3	Slums	0	0	0
4	Industries	1	NA	0.1
5	Institutional Establishments	100	NA	0.4

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	3	Water supply directly through tankers in MLD		Water supply through tubewell & borewell in MLD	
Treated water supply in MLD	0	Total water supply in MLD	3	Average per capita water supply in LPCD	115.04

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	8	Commercial establishments	3	Industries	2
Institutional establishments	2	Slums	0	Total	15
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	Kallada	2			Good	No
2	Water Body	panthalu kulam	.004			Good	Yes
3	Water Body	POTTAKKULAM	0.002			Bad	Yes
4	Water Body	POZHIKKARA	0.25			Bad	No
5	Water Body	KATTAKULAM POND	.002			Good	Yes

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	2.4	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	3	Water demand	15	Gap in water supply	12
Water treatment capacity	4	Water to be treated	15	Gap in water treatment	11
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	6439	Total households including slums	11900	Gap in households tap connections including slums	5461
Used Water					
Used water being treated	0	Used water generation	6.4	Gap in used water treatment	6.4
Used water being recycled	0	Used water to be recycled (20%)	1.28	Gap in used water recycling	1.28
Sewer connections provided (including coverage with septage management)	0	Total households	11900	Gap in household sewer connections/ coverage with septage management	11900