

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
IRITTY



District
KANNUR



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Swaroop A	Assistent Engineer		9846746108	aelsgdiritty@gmail.com
Mayor.Pre	Sreelatha K	NA		9946614902	irittymunicipality@gmail.com
Municipal.C/C.Ofc	Abhlah K	NA		9072068090	irittymunicipality@gmail.com
Head,W.S/S.De	Noufal T	NA		8547638281	wsmattanur@gmail.com
HOD/P.H.de	Dr Raveendran	NA		9447944101	mochciritty@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	Noufal T	AEE		8547638281	wsmattanur@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	40369	Households (Census 2011)	9968	City area (sq. km.)	45.65
Wards in city	33	Slum settlements (No.)	0	Industries (No.)	28
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	48443	Households in 2021(no.)	11961
Population density	1061	Slum population in 2021	0	Slum households 2021	0



Future Projection

City population in 2025	52318	Households in 2025	12918	Slum households in 2025	0
--------------------------------	-------	---------------------------	-------	--------------------------------	---

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	Noufal T		8547638281	wsmattanur@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Iritty River	
2	Sewage Treatment Plant/ Water Treatment Plant	Muthappankary Narayananpara WTP	

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	Chalakandi	1	0.3	No	NA
2	River	Iritty River,Chavassery Parambu&Muthappankary	1	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	Iritty River WTP	2	2	Iritty River,Chavassery Parambu&Muthappankary	Other(NA)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	1644	1763	0.999
2	Commercial Establishments	95	NA	0.095
3	Industries	24	NA	0.480
4	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.999	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	0.999	Average per capita water supply in LPCD	139.913

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	7.848	Commercial establishments	0.119	Industries	0.600
Institutional establishments	0.250	Slums	0	Total	8.817
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	3
---	-----	--------	-------------	---	---

Water Source Quality Assessment

#	Type	Name	Area	Photograph	Site latitude & longitude	Water quality assessment	Has the source rejuvenated
1	Water Body	Irrity River	6.4			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	0.799	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
---------------------------	---	-------------------------	---	------------------------------------	---	----------------------------	---

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	0.999	Water demand	8.817	Gap in water supply	7.818
Water treatment capacity	2	Water to be treated	8.817	Gap in water treatment	6.817
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	1763	Total households including slums	12918	Gap in households tap connections including slums	11155
Used Water					
Used water being treated	0	Used water generation	6.278	Gap in used water treatment	6.278
Used water being recycled	0	Used water to be recycled (20%)	1.256	Gap in used water recycling	1.256
Sewer connections provided (including coverage with septage management)	0	Total households	12918	Gap in household sewer connections/ coverage with septage management	12918