

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
THRISSUR



District
THRISSUR



State
KERALA



Existing AMRUT City
Yes

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Sheeja S S	Executive Engineer	0487-2422020	9447729841	executiveengineer1tsrcorp@gmail.com
Mayor.Pre	M K Varghese	NA	0487-2423375	9447024233	thrissurmayer@gmail.com
Municipal.C/C.Ofc	Vinu C Kunjappan	NA	0487-2423522	9446089566	thrissursecretary@gmail.com
Head,W.S/S.De	Pauly Peter	NA	0487-2423230	8547638019	sephcthrissur@gmail.com
HOD/P.H.de	Balasubramanian V C	NA	0487-2422020	9447144050	thrissursecretary@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	Pauly Peter	SE PHC	0487-2423230	8547638019	sephcthrissur@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	315957	Households (Census 2011)	78014	City area (sq. km.)	101.42
Wards in city	55	Slum settlements (No.)	48	Industries (No.)	150
Industrial clusters	0	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	379148	Households in 2021(no.)	93617
Population density	3738	Slum population in 2021	18091	Slum households 2021	4467






Future Projection

City population in 2025	409480	Households in 2025	101106	Slum households in 2025	4824
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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	Engineering College	GEC Thrissur	Ranjini Bhattathiripad	04872334590	9400006411	principal@gectcr.ac.in

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Park	Nehru Park Thrissur	
2	Sewage Treatment Plant/ Water Treatment Plant	Water Treatment Plant	
3	Water Body	Ponds	
4	Women Self Help Group	SHG Kudumbashree	
5	Water Body	Public Wells	

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	Dam	PEECHI DAM	1	35	Yes	25
2	River	KARUVANNUR RIVER	1	0.8	Yes	15
3	River	MANALI RIVER	1	0.5	Yes	11
4	Well	PUBLIC WELLS	183	1	No	NA
5	Well	HOUSEHOLD WELLS	31000	12	No	NA
6	Borewell	HOUSEHOLD	5776	1	No	NA
7	Borewell	PUBLIC BOREWELLS	34	0.07	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	20 MLD WTP PEECHI	20	20	PEECHI DAM	Other(NA)
2	36 MLD WTP PEECHI(Apportioned15MLDoutof36MLD)	15	15	PEECHI DAM	Other(NA)
3	WTP MULAYAM	1.5	1	MANALI RIVER	Other(NA)
4	WTP ARRATTUPUZHA(apportioned1.2MLDoutof18MLD)	1.2	1.2	KARUVANNUR RIVER	Other(NA)

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	1925	55518	26
2	Commercial Establishments	4042	NA	4
3	Institutional Establishments	280	NA	1.4
4	Industries	9	NA	0.2
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	26	Water supply directly through tankers in MLD	0.046	Water supply through tubewell & borewell in MLD	0.07
Treated water supply in MLD	0	Total water supply in MLD	26.116	Average per capita water supply in LPCD	115.634

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	82	Commercial establishments	5	Industries	0.5
Institutional establishments	2	Slums	0	Total	89.5
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	37
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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	ELANJIKULAM	3.83		10.310607 - 76.15451	Bad	Yes
2	Water Body	ANNAKULAM	2.35		10.31384 - 76.1515	Bad	Yes
3	Water Body	TRIKUMARAKUYDAMKULAM	2.21		10.31268 - 76.11396	Good	Yes
4	Water Body	Kokkala Kulam	1.044		10.513032 - 76.208212	Good	Yes
5	Water Body	Vadakkechira	2		10.529405 - 76.215535	Good	Yes
6	Water Body	Pallikulam	0.69		10.521376 - 76.222339	Good	Yes
7	Water Body	Vanchikulam	0.526		10.513899 - 76.205889	Bad	Yes
8	Water Body	Panjikkal Kullam	0.1		10.535981 - 76.184113	Good	Yes
9	Community Well	Arannatukara Well	0.07		10.510848 - 76.196100	Good	Yes
10	Community Well	Vallarkavu Temple road	7		10.508928 - 76.240623	Good	Yes
11	Community Well	Pattalakunnu BhagavathiNagar	0.07		10.522452 - 76.264529	Good	Yes

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	20.893	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
1	THRISSUR	00	00	00	Agriculture	00	No	NA

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	Water demand	0	Gap in water supply	0
Water treatment capacity	37.7	Water to be treated	0	Gap in water treatment	-37.7
Households with tap connections in slums	0	Total slum households	4824	Gap in household tap connections	4824
Households covered with Tap connections (City)	55518	Total households including slums	101106	Gap in households tap connections including slums	45588
Used Water					
Used water being treated	0	Used water generation	0	Gap in used water treatment	0
Used water being recycled	0	Used water to be recycled (20%)	0	Gap in used water recycling	0
Sewer connections provided (including coverage with septage management)	0	Total households	101106	Gap in household sewer connections/ coverage with septage management	101106