CITY WATER BALANCE PLAN

Basic Details

ULB Information

City
PAYYOLI

District
KOZIKODE

State
KERALA

Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Rajimol S Raju	Assistant Engineer	04962602043	9645021809	payyolimunicipality@gmail.com
Mayor.Pre	Shafeek Vadakkayil	NA	04962602043	9446734547	payyolimunicipality@gmail.com
Municipal.C/C.Ofc	Cheryl Irene Solomon	NA	04962602043	8301889496	payyolimunicipality@gmail.com
Head,W.S/S.De	Suresh P K	NA	0496-2512474	8547638277	vatakaraeekwa@gmail.com
HOD/P.H.de	Chandran T	NA	04962602043	9447284860	payyolimunicipality@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	Suresh P K	Executive Engineer	0496-2512474	8547638060	vatakaraeekwa@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	49470	**Households (Census 2011)**	12215	**City area (sq. km.)**	22.34
Wards in city	36	**Slum settlements (No.)**	0	**Industries (No.)**	40
Industrial clusters	0	**Population survey conducted in the last five years ?**	No	**Survey year**	NA
Survey city population	NA	**City population in 2021**	59364	**Households in 2021(no.)**	14658
Population density	2657	**Slum population in 2021**	0	**Slum households 2021**	0

Future Projection

City population in 2025	64113	**Households in 2025**	15830	**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	Suresh P K	049622512474	8547638277	vatakaraeekwa@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
No image uploded			

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	Kizhur Payyoli	1	0.035	No	NA
2	Well	Kizhur	1	0.035	No	NA
3	Well	Kottakkunnu Iringal	1	0.070	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	260	260	0.158
2	Industries	7	NA	0.007
3	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	0.158	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	0.158	Average per capita water supply in LPCD	150.047

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	9.617	Commercial establishments	0.009	Industries	0.250
Institutional establishments	0.250	Slums	0	Total	10.126000000000001
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**	0

Water Source Quality Assessment

#	Type	Name	Area	Photograph	Site latitude & longitude	Water quality assessment	Has the source rejuvenated
1	Water Body	Panikkulam	0.208			Bad	No
2	Water Body	Kattukulam	0.520			Bad	No
3	Water Body	Chovva Vayalkappu Kulam	0.40			Bad	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	**Sewage generated in MLD**	0.171	**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	0.158	Water demand	10.126	Gap in water supply	9.968
Water treatment capacity	0	Water to be treated	10.126	Gap in water treatment	10.126
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	260	Total households including slums	15830	Gap in households tap connections including slums	15570
Used Water					
Used water being treated	0	Used water generation	7.694	Gap in used water treatment	7.694
Used water being recycled	0	Used water to be recycled (20%)	1.539	Gap in used water recycling	1.539
Sewer connections provided (including coverage with septage management)	0	Total households	15830	Gap in household sewer connections/ coverage with septage management	15830