

CITY WATER BALANCE PLAN

Basic Details

ULB Information



City
FEROKE



District
KOZIKODE



State
KERALA



Existing AMRUT City
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
Nodal Officer	Abilash T	Assistant Engineer	9847978615	9074285317	abhilashtholiyil@gmail.com
Mayor.Pre	N C Abdul Razak	NA	0495-2970108	9947707700	ncrferoke50@gmail.com
Municipal.C/C.Ofc	Sanal Kumar D V	NA	0495-2482243	9747457726	ferokemunicipality@gmail.com
Head,W.S/S.De	Abdulla	NA		8547638571	aerwsbeypore@gmail.com
HOD/P.H.de	Valsan C K	NA	0495-2970366	9061094204	valsanck@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	Abdulla	AE		8547638571	aerwsbeypore@gmail.com

City profile as per FY 2020-21

City population(Census 2011)	54074	Households (Census 2011)	13352	City area (sq. km.)	16
Wards in city	38	Slum settlements (No.)	0	Industries (No.)	2250
Industrial clusters	88	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	64889	Households in 2021(no.)	16022
Population density	4056	Slum population in 2021	0	Slum households 2021	0

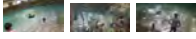

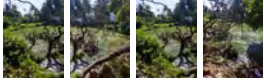

Future Projection

City population in 2025	70080	Households in 2025	17304	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	ASSISTANT ENGINEER	ABDULLA		8547638571	aerwsbypore@gmail.com

Uploaded Images

#	Type	Name	Uploaded image(s)
1	Water Body	Mangalasserikulam	
2	Water Body	Kizhakke kulam	
3	Water Body	Moothedathu Kulam	
4	Water Body	Thulasserikkulam	

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	JICA Aided Water Supply Project	1	6.5	Yes	57.8

Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
1	Peruvannamuzhi WTP	6.5	6.5	JICA Aided Water Supply Project	SCADA

Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	7756	7939	4.712
2	Commercial Establishments	173	NA	0.173
3	Industries	7	NA	0.140
4	Institutional Establishments	3	NA	0.006
5	Slums	0	0	0

Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	4.712	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	4.712	Average per capita water supply in LPCD	146.55

Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	10.512	Commercial establishments	0.216	Industries	0.175
Institutional establishments	0.008	Slums	0	Total	10.911
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	Not implemented	No. of water tanks at religious places in your city	5
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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	MANGALASSERIKKULAM	.4			Good	No
2	Water Body	KIZHAKKEKKULAM	.4			Good	No
3	Water Body	MOOTHEDATHUKULAM	.4			Bad	No
4	Community Well	Feroke	0.15			Good	No
5	Community Well	Chungam	0.15			Good	No
6	Community Well	West Nallur	0.15			Good	No
7	Community Well	Kulathottuthazham	0.15			Good	No
8	Community Well	Nechikkatt	0.15			Good	No
9	Water Body	THULASSERIKKULAM	.3			Good	No

Used Water

Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	3.77	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	4.712	Water demand	10.911	Gap in water supply	6.199
Water treatment capacity	6.5	Water to be treated	10.911	Gap in water treatment	4.411
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	7939	Total households including slums	17304	Gap in households tap connections including slums	9365
Used Water					
Used water being treated	0	Used water generation	8.41	Gap in used water treatment	8.41
Used water being recycled	0	Used water to be recycled (20%)	1.682	Gap in used water recycling	1.682
Sewer connections provided (including coverage with septage management)	0	Total households	17304	Gap in household sewer connections/ coverage with septage management	17304