

# CITY WATER BALANCE PLAN

## Basic Details

### ULB Information



City  
PARAVUR (M)



District  
ERNAKULAM



State  
KERALA



Existing AMRUT City  
No

	Name	Designation	Landline No.	Mobile No.	E-mail ID
<b>Nodal Officer</b>	SEENA G R	AEE	9745542000	9745542000	axenorthparavoor@gmail.com
<b>Mayor.Pre</b>	V K PRABHAVATHY	NA	9496432340	9496432340	paravoormunicipalchairman@gmail.com
<b>Municipal.C/C.Ofc</b>	Dr SINI T N	NA	9544135830	9544135830	nparavoormunicipality@gmail.com
<b>Head,W.S/S.De</b>	TERESSA RINI	NA	8547638151	8547638151	keralawaterauthority1@gmail.com
<b>HOD/P.H.de</b>	ROSAMMA P S	NA	9446040827	9446040827	thqhnpararur@yahoo.co.in

### 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	TERESSA RINI	HOD	+91-8547638151	8547638151	kerlawaterauthority1@gmail.com

### City profile as per FY 2020-21

City population(Census 2011)	31493	Households (Census 2011)	7776	City area (sq. km.)	9.02
Wards in city	29	Slum settlements (No.)	00	Industries (No.)	00
Industrial clusters	00	Population survey conducted in the last five years ?	No	Survey year	NA
Survey city population	NA	City population in 2021	37792	Households in 2021(no.)	9331
Population density	4190	Slum population in 2021	0	Slum households 2021	0





### Future Projection

City population in 2025	40815	Households in 2025	10078	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	Engineering College	SCMS Water Institute	Sunny Joseph	4842439033	7034780079	swi@scmsgroup.org

**Uploaded Images**

#	Type	Name	Uploaded image(s)
1	Park	park	
2	Sewage Treatment Plant/ Water Treatment Plant	Water Treatment Plant	
3	Women Self Help Group	Women Self Help Group	
4	Water Body	water body	

## 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	chowara	1	10	Yes	20

### Water Treatment Plants (WTP)

#	Location of WTP	Designed capacity in MLD	Operational capacity in MLD	Water supply source	Technology used for automatic monitoring
1	chowara	7.1	7.1	chowara	Other(analytics)

### Water Connections

#	Water connections type	No. of tap connections provided	No. of households	Water supplied in MLD
1	Residential / Households	8769	8769	5.10
2	Commercial Establishments	493	NA	1
3	Slums	0		0
4	Institutional Establishments	47	NA	1

### Present Water Supply to Residential/Households incl. Slums

Piped water supply in MLD	5.1	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	5.1	Average per capita water supply in LPCD	143.604

### Estimated Future Water Demand in 2025 (in MLD)

Residential/ Households including slums	8	Commercial establishments	2	Industries	1
Institutional establishments	1	Slums	0	Total	12
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	4
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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	kottamkulam	.003			Bad	Yes
2	Water Body	palakulam	.002			Bad	Yes

## Used Water

### Sewerage Coverage

Household connected to sewer network					
No. of households covered	0	Sewage generated in MLD	4.08	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)	
<b>Water Supply</b>					
Water supplied to households	5.1	Water demand	12	Gap in water supply	6.9
Water treatment capacity	7.1	Water to be treated	12	Gap in water treatment	4.9
Households with tap connections in slums	0	Total slum households	0	Gap in household tap connections	0
Households covered with Tap connections (City)	8769	Total households including slums	10078	Gap in households tap connections including slums	1309
<b>Used Water</b>					
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	10078	Gap in household sewer connections/ coverage with septage management	10078