

NAME OF THE ULB **Rajpur Sonarpur****Action Plan to reduce water losses to less than 20%**

(From 2015-2020)

(Website Edition)



Sl. No.	Basic Information on water supply	Quantity	Unit	
A	Total area of the ULB (IN Sq.KM.) -	49.25	Sq.Km	
B	Population of the ULB.- (as on 2011)	423724	Nos.	
C	Water demand (In Litre/Day)-	630	Lit.	
D	Water generated (In Litre/Day)-	193	Lit.	
E	Total Water generated (In Litre/Day)-	283.8	Lit.	
F	Water Supplied in Litre/Day :-	209.7	Lit.	
	1 Domestic Use (Litre/Day):-	135.6	Lit.	
	2 Industrial Use (Litre/Day):-	Nil	Lit.	
	3 Commercial Use (Litre/Day):-	Nil	Lit.	
	4. Social Use (Litre/Day):-	59.3	Lit.	
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre -	89	Lit.	
H	Percentage of water losses per day -	31.32487667	%	
I	Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	56.76	Lit.	
J	Water loss to be reduced per day	32	Lit.	
Sl. No.	List of potential corrective measures to reduce water losses in ULB area	Volume of water losses expected to be reduced in Lit.	Reduction of water losses expected (%)	Year of Implementation
	I	II	IV	V
1	Repairing of Major leakages or water losses area in the city 1. Pump House 2. Pumps and Valves 3. Storage reservoirs	14.19	44.15059116	
2	Repairing and Maintenance of Distribution System 1. Leak Detection 2. Timely response to visible maintenance issues 3. Development of system zones Release Valves & Wash Out Valves 5. Replacement or repair of service connections and water mains 6. Corrosion Control	14.19	44.15059116	
3	Monitoring of Metering Systems 1. Identification and Reduction of unauthorised Connections 2. Prevention of Water losses in Street Taps 3. Installation of new Meters at consumer level 4. Testing of production and sales meters 5. Re-specifying, re-sizing and replacement of meters 6. Improvements to meter reading methods 7. Billing improvements	14.19	44.15059116	
4	Installation of Automatic shut-off valves for automatic closure of storage tanks in 1. Individual Households 2. Educational Institutions 3. Industrial Areas 4. Commercial Areas (Hotel, Restaurants etc) 5. Social Areas (Hospital, Bus Stop etc.)	11.352	35.32047293	
5	Consumer Education 1. Aid consumers by producing understandable and informative water bill 2. Plumbing repairs and replacements 3. Importance of water conservation	2.838	8.830118233	
Total -		56.76	176.6023647	

Remarks (Not to be uploaded in website)

Data to be filled up by ULB
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As per SLIP

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H= % of "G" w.r.t. "E"

I= 20% of "E"

Col-III= 25% of Row-H
And Col -V Filled up by ULB

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And Col -V Filled up by ULB

Col-III= 25% of Row-H
And Col -V Filled up by ULB

Col-III= 20% of Row-H
And Col -V Filled up by ULB

Col-III= 5% of Row-H
And Col -V Filled up by ULB

[Signature]
Executive Officer

[Signature] 03/6/16
Chairperson

Chairman
Rajpur Sonarpur Municipality