

NAME OF THE ULB - RISHRA MUNICIPALITY

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):-	6.48	Sq.Km
B	Population of the ULB:- (as on 2011)	124527	Nos.
C	Water demand (In Litre/Day):-	16811145	Lit.
D	Water generated (In Litre/Day):-	14569659	Lit.
E	Total Water generated (In Litre/Day):-	16026625	Lit.
F	Water Supplied in Litre/Day :-	11207430	Lit.
	1. Domestic Use (Litre/Day):-	9526316	Lit.
	2. Industrial Use (Litre/Day):-	0	Lit.
	3. Commercial Use (Litre/Day):-	1120743	Lit.
	4. Social Use (Litre/Day):-	560371	Lit.
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	4819195	Lit.
H	Percentage of water losses per day :-	30	%
I	Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	3205325	Lit.
J	Water loss to be reduced per day	1613870	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	III	IV	V
1	Repairing of Major leakages or water losses area in the city 1. Pump House 2. Pumps and Valves 3. Storage Reservoirs	403467.5	25	2016 - 17
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	403467.5	25	2017 - 18
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	403467.5	25	2018 - 19
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.)	322774	20	2019 - 20
5	Consumer Education 1. Adv consumers by producing understandable and informative water bill 2. Promoting repairs and replacements 3. Installation of water conserving devices	80693.5	5	2019 - 20
Total:-		1613870	100	

Executive Officer

Rishra Municipality

Chairperson

Rishra Municipality

Chairman
RISHRA MUNICIPALITY