

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.):-	326.48	Sq.Km	
B	Population of the ULB:- (as on 2011)	1156387	Nos.	
C	Water demand (In Litre/Day):-	250392106	Lit.	
D	Water generated (In Litre/Day):-	221600000	Lit.	
E	Total Water generated (In Litre/Day):-	266952000	Lit.	
F	Water Supplied in Litre/Day :-	190680000	Lit.	
	1. Domestic Use (Litre/Day):-		Lit.	
	2. Industrial Use (Litre/Day):-		Lit.	
	3. Commercial Use (Litre/Day):-		Lit.	
	4. Social Use (Litre/Day):-		Lit.	
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	76272000	Lit.	
H	Percentage of water losses per day :-	40	%	
I	(Target of Savings in Water Use & Supply)	53390400	Lit.	
J	Water loss to be reduced per day	22881600	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	5720400	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 4. Pressure management by installation of Pressure Reduction valves, Air 5. Replacement or repair of service connections and water mains 6. Corrosion Control	5720400	25	2016-17
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	5720400	25	2016-19
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.)	4576320	20	2018-2020
5	Consumer Education 1. Aid consumers by producing understandable and informative water bill 2. Plumbing retrofits and replacements 3. Importance of Water Conservation	1144080	5	2016-20
Total:-		22881600	100	


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