

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):-	20.50	Sq.Km	
B	Population of the ULB:- (as on 2011)	121592	Nos.	
C	Water demand (In Litre/Day):-	16414920	Lit.	
D	Water generated (In Litre/Day):-	3100000	Lit.	
E	Total Water generated (In Litre/Day):-	3100000	Lit.	
F	Water Supplied in Litre/Day :-	3090000	Lit.	
	1. Domestic Use (Litre/Day):-	3050000	Lit.	
	2. Industrial Use (Litre/Day):-	0	Lit.	
	3. Commercial Use (Litre/Day):-	0	Lit.	
	4. Social Use (Litre/Day):-	40000	Lit.	
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	640000	Lit.	
H	Percentage of water losses per day :-	20.71197411	%	
I	Volume of water losses (in percentage) to be reduced to achieve MoUD Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	620000	Lit.	
J	Water loss to be reduced per day	20000	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	5000	25	2017-2020
	1. Pump House			
	2. Pumps and Valves			
	3. Storage Reservoirs			
2	Repairing and Maintenance of Distribution System	5000	25	2017-2020
	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 Release Valves & Wash Out Valves			
	5. Replacement or repair of service connections and water mains			
6. Corrosion Control				
3	Monitoring of Metering Systems	5000	25	2017-2020
	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				
4	Installation of Automatic shut-off valves for automatic closure of storage tanks in	4000	20	2017-2020
	1. Individual Households			
	2. Educational Institutions			
	3. Industrial Areas			
	4. Commercial Areas (Hotel, Restaurants etc)			
5. Social Areas (Hospital, Bus Stop etc.)				
5	Consumer Education	1000	5	2017-2020
	1. Aid consumers by producing understandable and informative water bill			
	2. Plumbing retrofits and replacements			
	3. Importance of Water Conservation			
Total:-		20000	100	


Executive Officer
 Prayat Kumar Biswas
 Executive Officer
 Ashokenagar-Kalyangarh
 Municipality




Chairperson
 Prabodh Senar
 Chairman
 Ashokenagar-Kalyangarh Municipality