

NAME OF THE ULB: MIDNAPORE				
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.):-		18.36	Sq.Km
B	Population of the ULB:- (as on 2011)		169127	Nos.
C	Water demand (In Litre/Day):-		22832145	Lit.
D	Water generated (In Litre/Day):-		6849644	Lit.
E	Total Water generated (In Litre/Day):-		6849644	Lit.
F	Water Supplied in Litre/Day :-		5073810	Lit.
	1. Domestic Use (Litre/Day):-		4312740	Lit.
	2. Industrial Use (Litre/Day):-		0	Lit.
	3. Commercial Use (Litre/Day):-		761072	Lit.
	4. Social Use (Litre/Day):-		0	Lit.
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-		1775834	Lit.
H	Percentage of water losses per day :-		35.00000985	%
I	i.e. 20% (Target of Savings in Water Use & Supply)		1369928.8	Lit.
J	Water loss to be reduced per day		405905	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	101476.3	25	2020
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	101476.3	25	2020
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	101476.3	25	2020
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.)	81181.04	20	2020
5	Consumer Education 1. Adv consumers by producing understandable and informative water bill 2. Pumping retrofits and replacements 3. Importance of water conservation	20295.26	5	2020
Total:-		405905.2	100	

Executive Officer
Midnapore Municipality
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Chairman
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