



NAME OF THE ULB			
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.):-	29.24	Sq.Km
B	Population of the ULB:- (as on 2011)	100623.00	Nos.
C	Water demand (In Litre/Day):-	13584105.00	Lit.
D	Water generated (In Litre/Day):-	20895472.95	Lit.
E	Water Supplied in Litre/Day :-	18169976.55	Lit.
	1. Domestic Use (Litre/Day):-	13584105.00	Lit.
	2. Industrial Use (Litre/Day):-	321011.00	Lit.
	3. Commercial Use (Litre/Day):-	91717.43	Lit.
	4. Social Use (Litre/Day):-	45858.71	Lit.
F	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	2725496	Lit.
G	Percentage of water losses per day :-	14.99999955	%
H	Volume of water losses (in percentage) to be reduced to achieve MoUD Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	545099.28	%

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	136274.82	25	2015-2020
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 Release Valves & Wash Out Valves 5. Replacement or repair of service connections and water mains 6. Corrosion Control	136274.82	25	2015-2020
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	136274.82	25	2015-2020

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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.)	109019.856	20	2015-2020
5	Consumer Education 1. Aid consumers by producing understandable and informative water bill 2. Plumbing retrofits and replacements 3. Importance of Water Conservation	27254.964	5	2015-2020
Total:-		545099.28	100	

Bhaskar
4/6/16
 Executive Officer
 Executive Officer
 Kalyani Municipality

Anshu Talwar
04.08.16
 Chairperson
 Chairman
 Kalyani Municipality