

Bankura Municipality

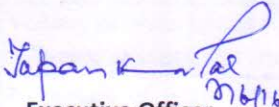
Action Plan to reduce water losses to less than 20%

(From 2015-2020)

(Website Edition)

Sl. No.	Basic Information on water supply	Quantity	Unit	
A	Total area of the ULB (IN Sq.KM.):-	19.06	Sq.Km	
B	Population of the ULB:- (as on 2011)	137386	Nos.	
C	Water demand (In Litre/Day):-	18547110	Lit.	
D	Water generated (In Litre/Day):-	7000000	Lit.	
E	Water Supplied in Litre/Day :-	5250000	Lit.	
	1. Domestic Use (Litre/Day):-	18547110	Lit.	
	2. Industrial Use (Litre/Day):-	0	Lit.	
	3. Commercial Use (Litre/Day):-	0	Lit.	
	4. Social Use (Litre/Day):-	0	Lit.	
F	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	525000	Lit.	
G	Percentage of water losses per day :-	10	%	
H	Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	105000	%	
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	26250	25	
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	26250	25	
	Monitoring of Metering Systems 1. Identification and Reduction of unauthorised Connections			

3	<ul style="list-style-type: none"> 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 	26250	25	
4	Installation of Automatic shut-off valves for automatic closure of storage tanks in <ul style="list-style-type: none"> 1. Individual Households 2. Educational Institutions 3. Industrial Areas 4. Commercial Areas (Hotel, Restaurants etc) 5. Social Areas (Hospital, Bus Stop etc.) 	21000	20	
5	Consumer Education <ul style="list-style-type: none"> 1. Aid consumers by producing understandable and informative water bill 2. Plumbing retrofits and replacements 3. Importance of water conservation 	5250	5	
Total:-		105000	100	


 Executive Officer
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 Chairman
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