

JAMNAGAR MUNICIPAL CORPORATION
WATER WORKS BRANCH

Action plan to reduce water losses to less than 20%

The existing service levels for Extent of non-revenue water in the city submitted through AMRUT Water Supply Templates is as follows

Sr. No.	Indicators	Present Status Year 2016-17	MOUD Benchmark
1	Extent of non-revenue water	5.7%	20%

Jamnagar Municipal Corporation had implemented projects for replacing old leaked pipeline by new pipeline and dismantling of old sump storage structure by constructing new storage sump under Swarnim jayanti chief minister's city development scheme and under UIDSSMT scheme since year 2007-08 and had achieved the target beyond MouD benchmark.

Repairing / Maintenance work done in 24 hours on priority are as follows :-

1. Arresting of Leakages on Rising gravity and distribution main pipelines.
2. Arresting of Leakages at Sluice Valves.
3. Arresting of Leakages at Air Valves.
4. Reducing Water Wastage at Public Taps.

Apart from above In Jamnagar City, Competent authority had sanctioned resolution to lay DI Pipeline in all newly developed areas and layouts of societies futher project of "Water Supply Scheme" sanctioned under SJMMSVY is going on. In this project all the existing network of AC Pipeline to be changed by new DI pipeline in old city area . So by making whole new network there will be less water contamination / leakages.

Jamnagar Municipal Corporation is going to metered all the Commercial / residential water tapes and automation of pumping machinery (by PLC & SCADA).

Action plan to reduce water losses

1. To ensure fitting of 100% bibcock on street taps.
Regular vigilance to be kept by all stakeholders of the Municipality also welding of taps with strand pipes to be done on regular basis.
Awareness amongst the people to be generated in this regard also steps to be taken like stoppage of water flow in the street taps when broken.
2. Immediate action to be taken repair any leakage forthwith.
Regular observation from all corners to be ensured regarding damage of water line.
3. After being started of Installation of domestic Water meter, make rate payers understand what quantity of water they will get i.e. 135 LPCD.
4. All the inhabitations of the municipal areas will be directed not to waste water by overflow of the reservoirs and unnecessary opening of taps.
5. Action to be taken to Recycling of sediment water of the WTP up to 90%.
6. Ensure Rainwater harvesting to all possible field like Govt. Buildings, Parks and Private Apartments.
7. Ensure stoppage of overflow of Elevated surface Reservoir by automated Valves.
8. To reduce water pressure in the lean time in a day and winter time of the year.
9. Special Team was formed to detect and dismantle unauthorized/illegal water Connection on pipeline.

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