

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 1646
ANSWERED ON 15/12/2025**

HOUSEHOLD WATER QUALITY IN URBAN AREAS

1646. SHRI A. A. RAHIM:

Will the Minister of **HOUSING AND URBAN AFFAIRS** be pleased to state:

- (a) whether Government has conducted any studies or surveys to assess household water quality in urban areas;
- (b) if so, the results of such studies, including the percentage of household water samples that met the BIS: 10500 parameters;
- (c) cities that have failed to meet the BIS:10500 essential parameters and major causes identified for non-compliance; and
- (d) the corrective measures taken or proposed by Government to ensure supply of safe drinking water to all urban households?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

(a) to (d): Water is a state subject and management and maintaining the quality of water as per the applicable standards in urban areas is the responsibility of State Government/ Urban Local Bodies (ULBs). Government of India supplements the efforts of the States through schematic interventions/ advisories. It provides financial and technical support to the States through various schemes/ Missions such as Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and AMRUT 2.0.

As per the water quality testing data reported by the States/ cities in the year 2024, 22.45 lakh water quality tests have been conducted at household level in 30 States. Of this, 98.82% samples passed at household level on key parameters of E-coli, Arsenic and Fluoride.

A qualitative survey was also conducted in the year 2023 on random sampling basis (16930 households) in 485 AMRUT cities/ towns. 91% samples were found free from E.coli.

AMRUT Mission promotes community participation in water management in urban areas, AMRUT Mitra initiative has been launched under AMRUT 2.0 to actively involve women Self Help Groups (SHGs) in water quality testing and other water sectoral projects.

Under AMRUT, 1,403 water supply projects worth ₹43,359.78 crore have been taken up by the States/ Union Territories, which includes development of 5,011 Million Litre Per Day (MLD) water treatment capacity and laying of 73,520 km water pipeline network for supply of safe drinking water. Under AMRUT 2.0, 3,516 water supply projects worth ₹1,18,226.62 crore (including Operations & Maintenance cost) have been approved so far, which includes augmentation of 11,160 MLD of water treatment capacity and 1.24 lakh km water network (new/rehabilitation). AMRUT promotes the adoption of smart elements/ Supervisory Control and Data Acquisition (SCADA) based operations for digital monitoring, energy efficiency, and emergency preparedness. 258 water supply schemes under AMRUT have SCADA system and 1,415 water supply projects under AMRUT 2.0 has provision for SCADA system.
