GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER & SANITATION
RAJYA SABHA
UNSTARRED QUESTION NO. 86
ANSWERED ON 01/12/2025

DIGITAL SYSTEM FOR SUPPLY OF WATER TO RURAL AREAS

86.   SHRI RAJEEV SHUKLA:

Will the Minister of JAL SHAKTI be pleased to state:

(a) whether an upgraded Rural Piped Water Supply Scheme (RPWSS) under Jal Jeevan Mission has been rolled out in October, 2025 for transparency, sustainability and accountability in rural water supply;

(b) if so, monitoring features, target and tribal household coverage under the scheme; and

(c) the challenges and expansions planned under the scheme?

ANSWER

MINISTER OF STATE FOR JAL SHAKTI
(SHRI V. SOMANNA)

(a) to (c) Since August 2019, Government of India, in partnership with States, is implementing Jal Jeevan Mission (JJM) – Har Ghar Jal to make provision of tap water supply to every rural household. Water is a state subject and therefore, the primary responsibility for planning and implementing piped water supply schemes to provide tap water to their households, lies with the respective State/UT. Government of India supplements the efforts of the States by providing technical and financial assistance under JJM.

Department of Drinking Water and Sanitation has rolled out the nationwide Rural Piped Water Supply Scheme (RPWSS) module to assign a unique ID to each integrated Piped Water Supply (PWS) scheme, covering all its geo-tagged components such as source, treatment, transmission, distribution and service area. This foundational layer of Digital Public Infrastructure (DPI) for the rural water supply sector establishes a GIS-based digital asset registry that functionally links all components of a scheme. The module strengthens transparency and accountability by creating a comprehensive GIS-based digital registry of PWS assets, assigning unique RPWSS Infrastructure IDs and Service Area IDs to ensure traceability down to each habitation, enforcing mandatory geo-referencing and geo-tagging rules based on the status of assets (Not Started, Ongoing or Completed), and linking every asset with its corresponding CAPEX scheme ID to ensure financial accountability and accurate monitoring.

*****