GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 3013

ANSWERED ON 07.08.2025

RAINWATER HARVESTING AND ARTIFICIAL RECHARGE STRUCTURES

3013. MS. S JOTHIMANI

Will the Minister of **JAL SHAKTI** be pleased to state:

(a) the number of rainwater harvesting and artificial recharge structures proposed and completed in Karur, Viralimalai, Manapparai, Krishnarayapuram, Aravakurichi and Vedasandur assemblies under the Master Plan for Artificial Recharge to Groundwater – 2020;

(b) the status of implementation including pending projects and the reasons for delays, if any;

(c) whether any impact assessment has been conducted on groundwater levels and agricultural benefits in the above said assemblies and if so, the details thereof; and

(d) the funds allocated and utilised for groundwater recharge projects in these assemblies during each of the last three years and the current year?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY**)**

(a) & (b) Water being a State subject, the aspects related to water resources including its conservation are studied, planned, funded and executed by the State Governments themselves as per their own resources and priorities. The Central Government supplements the measures and efforts being taken up by the State Governments.

The Central Ground Water Board (CGWB) prepared a "Master Plan for Artificial Recharge to Ground Water in India" in consultation with States and Union Territories (UTs) to assess the feasibility of various recharge structures suited to the diverse terrain conditions across the country. However, the responsibility for implementing the guidelines outlined in the Master Plan rests with the respective State Governments. The Master Plan-2020 is prepared considering Blocks as a unit and recharge structures are proposed Block-wise. The number and type of rainwater harvesting and artificial recharge structures as proposed in Master Plan-2020 in Karur, Viralimalai, Manapparai, Krishnarayapuram, Aravakurichi and Vedasandur assemblies are provided at **Annexure.**

The Master Plan for Artificial Recharge to Ground Water – 2020 compiled by CGWB has been shared with all the line departments for effective implementation. Further, the block wise data of feasible Artificial Recharge Structures have been shared with the Tamil Nadu Water Resources

Information & Management System (TNWRIMS) portal of Government of Tamil Nadu which includes Water Conservation Planning Module for wide reach & publicity among the line departments for effective implementation.

Further, as reported by the State of Tamil Nadu, no Artificial Recharge structures were proposed and completed under Master Plan for Artificial Recharge to Groundwater in Karur, Viralimalai, Manapparai, Krishnarayapuram, Aravakurichi and Vedasandur assemblies for the year 2020.

(c) Water being a State subject, the aspects related to water resources including its conservation are studied, planned, funded and executed by the State Governments themselves as per their own resources and priorities. The Central Government supplements the measures and efforts being taken up by the State Governments. As reported by the State of Tamil Nadu**,** no studies related to impact assessment on groundwater level have been carried out in these assemblies.

(d) Water being a State subject, it is mainly the responsibility of the State Governments to manage, conserve and develop water resources using their own funds and plans. The Central Government supports and assists the States in these efforts.

The recharge structures recommended in Master Plan-2020 are implemented through convergence of existing schemes of the respective State/Central Government such as MGNREGS, Atal Bhujal, CAMPA and 15th Finance Commission, etc and no separate scheme/fund has been envisaged for implementation.

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ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 3013 TO BE ANSWERED IN LOK SABHA ON 07.08.2025 REGARDING "RAINWATER HARVESTING AND ARTIFICIAL RECHARGE STRUCTURES".

Block wise Recharge Structures Recommended in the Master Plan for Artificial Recharge - 2020							
S. No.	**District**	**Block**	**Percolation Pond**	**Check Dam / Nala bund**	**Recharge Shaft / Recharge Borewell**	**Recharge Trench (km)**	**Others Farm pond / Recharge Pit**
1	DINDIGUL	VEDASANDUR	5	14	150	0	14
2	KARUR	ARAVAKURICHI	7	20	214	1	20
3	KARUR	KARUR	4	11	118	0	11
4	KARUR	KRISHNARAYAPURAM	5	15	164	1	15
5	PUDUKKOTTAI	VIRALIMALAI	14	41	439	1	41
6	TRICHY	MANAPPARAI	5	15	157	0	15

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