

## Burning Issues - 2014

### Ministry of Water Resources

#### **AQUIFER MAPPING** LSQ 2023

4<sup>th</sup> December, 2014  
Shri Kalikesh Narayan Singh Deo  
Dr. Ponnusamy Venugopal

#### **Question:**

Will the Minister of Water Resources, River Development And Ganaga Rejuvenation be pleased to state:-

(a) whether the Government has initiated the work on Aquifer Mapping proposed in the 12th Five Year Plan;

(b) if so, whether the Government proposes to share the expenditure likely to be incurred with respective State Governments;

(c) if so, the details thereof including the expected total expenditure;

(d) whether Heliborne Geophysical Surveys have been undertaken on a pilot basis in five States in the country; and

(e) if so, the details thereof along with outcome of survey including potential for groundwater exploration?

#### **Answer:**

The Minister Of State For Water Resources, River Development And Ganga Rejuvenation (Prof. Sanwar Lal Jat)

(a) to (c) Yes Madam. The total outlay for the XII Plan for Aquifer Mapping, a fully funded Scheme of this Ministry is Rs. 2051 crores.

(d) & (e) A Pilot Project on aquifer mapping has been undertaken in 6 areas of 5 States namely Maharashtra (part of Nagpur district), Rajasthan (parts of Dausa and Jaisalmer districts), Bihar (part of Patna district), Karnataka (part of Tumkur district) and Tamilnadu (part of Cuddalore district) using advanced geophysical techniques including Heliborne Geophysical Surveys as a part of Hydrology Project -II.

The data acquisition has been completed and final details will emerge after analysis of data in conjunction with other relevant scientific data to test the efficacy of technologies in mapping of aquifers in different hydro-geological terrains including identification of potential for groundwater resources.

#### **CLEANING OF YAMUNA RIVER** LSQ 913

27th November, 2014  
Shri Anant Kumar Dattatreya Hegde  
Dr. Satya Pal Singh  
Shri P. Karunakaran  
Shri Jagdambika Pal

Question:		Answer:	
<p>Will the Minister of Water Resources, River Development And Ganga Rejuvenation be pleased to state:-</p> <p>(a) the details of the schemes undertaken by the Government to make Yamuna River clean including the amount spent on the implementation of each of these schemes;</p> <p>(b) whether any specific scheme is being implemented or proposed to be implemented by the Government to make Yamuna river clean in Delhi area;</p> <p>(c) if so, the current status thereof along with the timeframe laid down to achieve the targets; and</p> <p>(d) whether there is any proposal to associate a private agency or any other country for cleaning of Yamuna river and if so, the details thereof along with targets laid down?</p>	<p>The Minister Of State For Water Resources, River Development And Ganga Rejuvenation (Prof. Sanwar Lal Jat)</p> <p>(a) Government of India has sanctioned Yamuna Action Plant (YAP)-I and YAP-II schemes for river Yamuna in Delhi, Haryana and Uttar Pradesh and YAP-III in Delhi under financial assistance from Japan International Cooperation Agency (JICA) for taking up works for sewerage/interception and diversion of drains, Sewage Treatment Plants(STPs), low cost sanitation/community toilet complexes, electric/ improved wood crematoria, etc. An expenditure of Rs. 1514.42 crore (including state share) has been incurred on YAP-I and YAP-II while YAP-III has been sanctioned at an estimated cost of Rs. 1656.00 crore.</p> <p>Government of India has also sanctioned two projects for Rs. 217.87 crore for pollution abatement of river Yamuna in towns of Sonapat and Panipat in Haryana.</p> <p>In addition, under Jawaharlal Nehru National Urban Renewal Mission (JNNURM) project of Ministry of Urban Development (MoUD), DJB is implementing an interceptor sewer project costing Rs. 1357.71 crore to intercept sewage flowing into river Yamuna from three major drains, namely Najafgarh, Supplementary and Shahdara in Delhi.</p> <p>(b) to (d) Yes, Madam. The timeframe for completion of YAP-III scheme, being funded by JICA for Delhi, is December, 2018 and for interceptor sewer project is June, 2015.</p>		
<p><b>GROUNDWATER IN RURAL AREAS</b> LSQ 728</p> <p style="text-align: right;">27th November, 2014 Shri Kunwar Singh Tanwar</p>			
<u>Questions:</u>		<u>Answers:</u>	
<p>Will the Minister of Water Resources, River Development And Ganga Rejuvenation be pleased</p>	<p>The Minister Of State For Water Resources, River Development And Ganga Rejuvenation</p>		

<p>to state:-</p> <p>(a) whether the Government has conducted any survey on the use of ground water in rural areas especially in backward areas and other States during the last three years including the views of experts on the basis of survey; and</p> <p>(b) if so, the plan of action prepared for the backward areas for use of safe ground water for the XII Five Year Plan?</p>	<p>(Prof.Sanwar Lal Jat)</p> <p>(a) Yes, Madam. Central Ground Water Board carried out assessment of replenish able ground water resources (as on March 2011), jointly with the respective State Ground Water Departments in the Country including rural and backward areas. It shows that 1071 Blocks/Mandals/ Talukas in the Country are 'Over-Exploited'; 217 are 'Critical' and 697 are 'Semi-Critical'. 162 Blocks/Talukas/ Areas for regulation of ground water development in the Country have been notified by CGWA, wherein, permission to construct new bore wells is not granted, except for drinking and domestic purposes.</p> <p>(b) The Central Sector Scheme of Ground Water Management and Regulation, under implementation during XII Plan, inter-alia, envisages participatory management of groundwater involving Panchayat Raj Institutions, local communities, NGOs and other Stakeholders for ensuring safe and sustainable management of groundwater resources in the Country including backward areas.</p>
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