

**GOVERNMENT OF INDIA  
WATER RESOURCES  
LOK SABHA**

UNSTARRED QUESTION NO:4466  
ANSWERED ON:03.05.2012  
DEPLETION IN GROUND WATER LEVEL IN MAHARASHTRA  
Jawale Shri Haribhau Madhav

**Will the Minister of WATER RESOURCES be pleased to state:**

- (a) whether a major depletion in ground water level has been observed in Jalgaon district of Maharashtra in the recent five years;
- (b) if so, the details thereof;
- (c) whether any survey has been conducted to know the hazards of depletion of ground water in Jalgaon district;
- (d) if so, the details thereof; and
- (e) whether any proposal has been received from Ground Water Surveys and Development Agency and Tapi Irrigation Development Corporation, Jalgaon regarding recharge of ground water in Jalgaon district of Maharashtra State and if so, the reaction of the Union Government thereto?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES & MINORITY AFFAIRS (SHRI VINCENT H. PALA)

(a) & (b) Central Ground Water Board periodically monitors ground water levels on regional scale throughout the country including the State of Maharashtra. In Jalgaon district ground water levels are being monitored through 49 observation wells. Water levels are monitored four times a year during January, May, August and November. Analysis of ground water level trend data collected during pre-monsoon period of the past five years (May, 2007 to May, 2011) has indicated that around 50% of the wells have registered declining trends ranging from 0.02 to 0.86 metre/ year.

(c) & (d) During 2009-10, Ground Water Management Studies were conducted in the over-exploited areas of Yaval and Raver talukas of Jalgaon district. The study revealed that over the years, the water levels have gone down in these talukas and yield of wells have also got reduced resulting in lowering of pumps to further deeper depth.

(e) A total of seven proposals including one from Ground Water Surveys & Development Agency (GSDA) and six from Tapi Irrigation Development Corporation (TIDC), Jalgaon had received in Regional Office of CGWB located at Nagpur for implementation of demonstrative projects on rain water harvesting and artificial recharge in Jalgaon district during XI plan. The status of proposals of these proposals is placed at Annexure – I. Annexure - I

Status of proposals for recharge of ground water in Jalgaon district of Maharashtra State received from Ground Water Surveys & Development Agency (GSDA) and Tapi Irrigation Development Corporation

(TIDC), Jalgaonhad

(a). The proposal received from Ground Water Surveys & Development Agency (GSDA) was approved by State Level Technical Advisory Committee (STAC) on 24th February, 2012 subject to certain modifications as suggested by the Committee. The modified proposal was not received from GSDA.

(b). Six proposals received from Tapi Irrigation Development Corporation (TIDC) were returned to them, as one was not feasible on technical grounds, four proposals were not on the prescribed DPR format and one proposal needed minor modifications as per DPR format. The modified proposals were not received from TIDC.

The scheme of "Demonstrative projects on rain water harvesting and artificial recharge" has been discontinued in the XII Plan.