

**GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
LOK SABHA**

UNSTARRED QUESTION NO:3111
ANSWERED ON:31.07.2014
SILT IN WATER BODIES
Suresh Shri Doddaalahalli Kempegowda

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether the storage capacity of most of the water bodies have come down due to accumulation of silt;
- (b) if so, whether the Centre has any proposal to find out the present storage capacity of all the water bodies;
- (c) if so, the details thereof;
- (d) whether the Government is taking any step to de-silt water bodies to increase their storage capacity, if so, the details thereof; and
- (e) if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION;
PARLIAMENTARY AFFAIRS AND TEXTILES (INDEPENDENT CHARGE). (SHRI SANTOSH KUMAR GANGWAR)

(a) to (c) CWC has been conducting Capacity survey of reservoirs since the VIII Plan; so far Capacity survey for 36 reservoirs has been completed. CWC has also determined live storage capacity of 108 reservoirs, based on the reservoir sedimentation survey using remote sensing techniques. Based on these two surveys, a weighted average annual loss in gross storage capacity due to siltation has been computed as 0.44%.

(d) & (e) The desiltation of reservoirs on a large scale has not been considered techno-economically viable as it is associated with the problems of disposal of excavated earth and high cost of repeated desiltation, etc. However, Government had approved a pilot scheme for Repair, Renovation & Restoration of Water Bodies in January, 2005 at an estimated cost of Rs. 300 crore to be shared by the Centre and States in the ratio of 3:1 for implementation during the X Plan period.

Based on the progress and achievements of the scheme during 10th and 11th Plan, the proposal for continuation of Repair, Renovation & Restoration of Water Bodies during the XII Plan was approved by the Union Government on 20.9.2013 and guidelines were issued in October, 2013.