

## **Rationalization of Minor Irrigation Scheme**

Rationalization of Minor Irrigation statistics scheme is 100% centrally sponsored scheme under Minor Irrigation Development programme of the Govt of India. Five censuses have been completed so far with reference year 1986-87, 1993-94, 2000-01, 2006-07 and 2013-14 respectively. The 6<sup>th</sup> Minor Irrigation census with reference year 2017-18 is being taken up to build a sound and reliable database on the Minor Irrigation sector. The data will be used for estimating the availability of Ground water and formulation of realistic plan for Water resources development. The scope of irrigation census has now been expanded to include 1<sup>st</sup> census of water body also with 100% central assistance. The census data is collected through canvassing enumeration schedules for each revenue village and all minor irrigation schemes.

The main objectives of the scheme are as under: -

- To ascertain number of type wise (Shallow, Medium, deep tube wells) irrigation schemes, source of energy, Horse power of the device, detail of year of commissioning of the scheme, method used for water distribution etc. which helps in efficient planning of various irrigation related projects.
- To ascertain potential utilized and created by water distribution device.
- To ascertain reasons for the disuse of projects through survey and also find the rate of depreciation in surface water storage projects.
- To organize a survey on quinquennial basis.
- To collect and compile statistics of Season wise irrigated area.
- To ascertain the cost of construction, cost of machinery and cost of maintenance of minor irrigation schemes. Also to investigate the source of finance for the construction of new minor irrigation projects.
- To ascertain the increase in productivity due to irrigation projects.
- Initiated water body census to build a sound data base on water bodies for effective planning and policy formation.