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Joint Secretary
सत्यब्रत साहु, आई.ए.एस
संयुक्त सचिव



भारत सरकार
पेयजल एवं स्वच्छता मंत्रालय
Government of India
Ministry of Drinking Water and Sanitation

D.O. No.W-11011/27/1997/TM-II

Dated: 3rd April, 2014

Dear Sir/Madam,

You are aware that the ground water prospect maps or Hydro-Geo-Morphological (HGM) maps are being prepared / updated in each State/Union Territory in the entire country by the Ministry of Drinking Water and Sanitation in association with the National Remote Sensing Centre(NRSC), ISRO, Balanagar, Hyderabad. The other key stakeholders in preparation of these maps are the State Remote Sensing Application Centres / Principal Investigators from some of the Universities and the Departments dealing with Rural Drinking Water Supply especially with regard to provision of legacy data on water quality. It may be noted that the following actions are being undertaken by NRSC and are likely to be completed by May 2015. You may, therefore, advise the concerned officials of your Department as well as the counterparts of the State Remote Application Centre that the **project shall not be discontinued** until all the works are completed. The work schedule which is to be done during this period from now is as given below:-

- i) Preparation of new HGM Maps in a few UTs and Islands (about balance 27 maps).
- ii) Finalization of HGM maps prepared by TWAD Board.
- iii) Rectification of HGM Maps in 10 States (2378 maps) in Phase-I and Phase-II States viz. Andhra Pradesh(part), Karnataka, Kerala, Madhya Pradesh, Chhattisgarh, Odisha, Rajasthan, Himachal Pradesh, Jharkhand and Gujarat.
- iv) Generation and insertion of ground water quality layer into the HGM maps throughout the country(4349 maps).
- v) Training of remaining 70 PHED Engineers/Geologists and refresher training for others.
- vi) Creation of hardware and software for National Geo-database.

2. NRSC is requested to send a separate proposal for preparation of District Water Quality Atlases.

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3. In this context, you are, as discussed in the Annual Action Plan meetings, kindly direct the concerned officials to generate water quality data from ground water based drinking water sources (surface drinking water sources in some States) say about 20% of the total sources randomly and uniformly distributed in each district. Such selected sources should be tested both in pre-monsoon and post-monsoon seasons positively during the current Financial Year i.e., 2014-15 and the data generated along with GPS coordinates and depth of bore-well should be forwarded to Dr. S.K. Subramanian, Group Director, Hydrogeology, NRSC, Balanagar, Hyderabad under intimation to Shri D. Rajasekhar, Deputy Adviser(WQ) of the Ministry. **It may be noted that GIS layer on water quality cannot be generated and inserted into the HGM maps without this data.** Necessary action in this regard may kindly be taken.

With regards,

Yours sincerely,


3/4/2014
(Satyabrata Sahu)

To

All Principal Secretaries in-charge of Rural Drinking Water Supply.

Copy to:

- 1) The Director, NRSC, ISRO, Balanagar, Hyderabad.
- 2) Shri P.G. Diwakar, Deputy Director(RSAA), NRSC, ISRO, Balanagar, Hyderabad.
- 3) Dr. S.K. Subramanian, Group Director, Hydrogeology, NRSC, ISRO, Balanagar, Hyderabad.
- 4) PPS to Secretary, DWS – for kind information of Secy(DWS)
- 5) ~~Sf TD (NIC), MDWS – with a request to upload into the website.~~