



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
GEOLOGICAL SURVEY OF INDIA

PORTAL

No...../(15B) D-11011/Water Harvesting/SE-CON./ESTATE/2017-18.

Dated: /10/2019

From:  
Additional Director General (AdSS),  
Geological Survey of India, CHQ,  
27, J. L. Nehru Road,  
Kolkata – 700016.

To  
(i)The ADG / DDG & HoD, GSI, WR, Jaipur / ER,  
Kolkata / CR, Nagpur / NER, Shillong / NR,  
Lucknow / M&CSD, Vishakhapatnam &

(ii)The DDG, GSI, SU: Gujarat, Gandhinagar /  
Maharashtra, Pune / Madhya Pradesh, Jabalpur /  
Arunachal Pradesh, Itanagar / Tripura & Mizoram,  
Agartala / M&CSD, Mangalore.

*Sub: Installation of Roof Top Water Harvesting System in all  
Government Building-reg.*

*Ref: 1) D.O. Letter. No. T-13011/4/2019-GW, dtd.11/09/2019.  
2) MoM letter No.20/43/2019-Cdn., dtd.04/10/2019.*

Sir,

With reference to the subject above, please find the enclosed *D.O.* Letter dtd. *11/09/2019* & *MoM* Letter dtd. *04/10/2019* related to *installation of roof-top water harvesting system in all Govt. Bldg.* for your kind perusal.

In this regard, it is requested to intimate the up-to-date status of available *roof-top water harvesting system* in the office & residential building of respective region/SU of GSI.

This is for your kind information and necessary action at your end.

Enclo.: as above.

Yours sincerely,

R. BASKARAN  
ADG (AdSS), CHQ,  
GSI, Kolkata.

No...../(15B) D-11011/Water Harvesting/SE-CON./ESTATE/2017-18.

Dated: /10/2019

Copy to: -

1. The Director General, GSI (Kind Attn: The TS to Director General) 27, J.L.N. Road, Kolkata - 700 016.
2. The DDG (IT), GSI, 27, J.L. N. Road, Kolkata – 16 with a request to upload this letter along-with its enclosure in GSI Portal please.

R. BASKARAN  
ADG (AdSS), CHQ,  
GSI, Kolkata.

R. Baskaran  
22/10/19

No. 20/43/2019-समन्वय/No. 20/43/2019- Cdn.

भारत सरकार/GOVERNMENT OF INDIA

खान मंत्रालय/MINISTRY OF MINES

\*\*\*\*\*

शास्त्री भवन, नई दिल्ली ।

दिनांक: 4<sup>th</sup> October, 2019.

TO

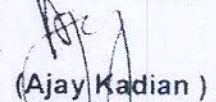
1. The Director General, Geological Survey of India, 27, J.L. Nehru Road, Kolkata-700016, West Bengal.
2. The Controller General, Indian Bureau of Mines, Indira Bhavan, IBM Headquarter, Civil Lines, Nagpur-440102.
3. The Chairman-cum-Managing Director, National Aluminium Company Ltd., NALCO BHAVAN Plot No. P/2, Nayapalli, Bhubaneswar-751007.
4. The Chairman-cum-Managing Director, Hindustan Copper Ltd, 1, Ashutosh Chowdhary Avenue, P B.No.10224, Kolkata-700019.
5. The Chairman-cum-Managing Director, Mineral Exploration Corpn. Ltd. Dr. Ambedkar Bhavan, High Land Drive Road, Seminary Hills, Nagpur-440006.
6. The Director, Jawaharlal Aluminium Research Development & Design Centre, Opposite Wadi Police Station, Amravati Road, Wadi, Nagpur-440023.
7. The Director, National Institute of Rock Mechanics, P.O. Champion Reef, Kolar Gold Fields, - 563117.
8. The Director, National Institute of Miner's Health, JNARDDC Complex, Amravati Road, Opp. Wadi Police Station, Nagpur- 440023.

विषय: Installation of Roof Top Water Harvesting System in all Government Building-  
Reference received from Ministry of Jal Shakti, Department of Water Resources

Sir,

I am directed to forward herewith a copy of D.O letter No. T-13011/4/2019-GW dated 11.09.2019 received from Ministry of Jal Shakti, Department of Water Resources on the subject mentioned above and to request to install roof top rain water harvesting systems in all the Government buildings in your organization.

Yours faithfully,


  
(Ajay Kadian)

Under Secretary to the Government of India

Ph. 23070376

ईमेल [ajay.kadian@nic.in](mailto:ajay.kadian@nic.in)

Encl:As Above.

Mr Subhendu  
  
09/10/2019



133385/2019/SECY(MOM)

यू. पी. सिंह, आई. ए. एस

U.P. SINGH, IAS

सचिव

SECRETARY

Tel. : 23710305

Fax : 23731553

E-mail : secy-mowr@nic.in



सत्यमेव जयते

भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन, नदी विकास  
और गंगा संरक्षण विभाग  
श्रम शक्ति भवन  
रफी मार्ग, नई दिल्ली-110 001  
GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI  
DEPARTMENT OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
SHRAM SHAKTI BAHWAN  
RAFI MARG, NEW DELHI-110 001  
<http://www.mowr.gov.in>

D.O. No. T-13011/4/2019-GW

11<sup>th</sup> September, 2019

Dear Mukim,

You may be aware that as per report of National Commission on Integrated Water Resource Development (NCIWRD), the total water availability of India received through precipitation is about 4000 billion cubic-meter (BCM) per annum. After evaporation, 1869 BCM water is available as natural runoff. Due to topographical and other factors, the utilisable water availability is limited to 1122 BCM, comprising of 690 BCM of surface water and 432 BCM of rechargeable ground water. It has been estimated that the average annual per capita water availability in the years 2001 and 2011 were 1820 and 1545 cubic meter respectively which is likely to reduce further to 1341 cum and 1140 cum in the years 2025 and 2050 respectively.

2. Further, as per the 2017 assessment of dynamic ground water resources, out of 6881 assessment units (Blocks/ Mandals /Talukas/Firkas) in the country, 1186 units have been categorized as over-exploited'.

3. In order to improve ground water resources in the country Government of India has launched Jal Shakti Abhiyan (JSA) on 01 July 2019 in water stressed districts with the primary aim of augmenting the ground water resources for their sustainable management. Amongst various interventions identified in the JSA, roof top rain water harvesting has been planned as one of the major intervention so that the rainfall can be effectively collected from roof top of buildings and can be harvested inside the ground to recharge the ground aquifers.

4. Further, Ministry of Housing & Urban Affairs has already issued the 'Model Building Bye Laws - 2016' for the guidance of the States/UTs/Urban Local Bodies/Urban Development authorities, which has a chapter on 'Rainwater Harvesting'. 33 States / UTs have adopted the rainwater harvesting provisions. As per Model building bye Laws- 2016, provision of rainwater harvesting structure and storage including creation of recharge pits are mandatory for all public/semi public buildings in respect of all plot sizes.

Contd... 2/-

जल संरक्षण - जीवन संरक्षण  
Conserve Water - Save Life

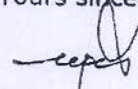


-2-

5. I would be happy if concerted efforts are made to instal roof top rain water harvesting systems in all the Government buildings in all the organisations under your Ministry (including the Ministry building). The regional offices of the Central Ground Water Board may be consulted if any technical assistance is required in this regard. You may like to issue suitable directions to all concerned in this regard and monitor the progress.

With *Regards*

Yours sincerely,



(U.P. Singh)

Shri Anil. G. Mukim  
Secretary  
Ministry of Mines  
Shastri Bhawan, Dr. Rajendra Prasad Road,  
New Delhi - 110 001