

No.F.23012/10/2022-RD(MGNREGS)
GOVERNMENT OF MIZORAM
RURAL DEVELOPMENT DEPARTMENT
MIZORAM:AIZAWL

Aizawl, the 3rd April 2024

OFFICE MEMORANDUM

1. Pursuant to the decision of the Empowered Committee on MGNREGA and Other Schemes held on 15th March 2024 at the Ministry of Rural Development, State Government is to ensure a minimum of 2-3 wells in every village for monitoring of ground water table by using Jal Doot App during the pre-monsoon and post-monsoon season. The Ministry of Rural Development and Panchayati Raj have jointly developed JALDOOT Mobile App to capture the water level of selected 2-3 open wells in villages across the country. Gram Rojgar Sahayak (GRS) will measure the Water level and document the same at Central server using the Jaldoot mobile app.
2. The existing VLAA under MGNREGA shall be provided with the additional responsibility as 'Jaldoots' who will be entrusted with the responsibility of measuring the ground water levels at the selected locations in the villages. In case of absence of regular VLAA for a village, the Village Council Secretary or any member of Village Council will be 'Jaldoot' for such village.
3. In every selected village, adequate number of measurement locations (2-3 open wells or ponds) need to be selected as samples of the ground water level in that village. Sample has to be taken up from open well rather than tubewell or borewell or tuikhur. The Jaldoots have to be facilitated to enter the measurement data of ground water levels through a mobile app twice in a year (1st - 31st May pre-monsoon and 1st - 31st October post-monsoon). They should also upload the geo-tagged photographs through the app on every occasion of measurement.
4. For water level measurements at villages, the measuring stations (wells or ponds) should be fixed (the same wells or ponds need to be monitored over a period of time). These would be open wells or ponds rather than tube or borewells or tuikhur.
5. A few basic details like the depth of wells, diameter, its geo-coordinates etc are required to be collected as one-time information (static data) and conveyed to the central database.
6. Manual monitoring of water levels in an open well or pond are best done using a graduated steel tape with a metallic knob at one end, for reliable and accurate measurements. However, if the same is not available, a rope with markings, and with a weight tied to one end may be improvised for the purpose. Video Tutorial can be downloaded from <https://youtu.be/--NuYigWbGw>
7. The measurement of the wells will be taken up twice in a year. One reading will be taken up prior to the monsoon season and another will be taken up after the monsoon season.
8. The data entry of the measurements can be facilitated with the help of a custom made mobile app in which specific formats are made available for data entry. The data so generated by Gram Panchayats can be integrated with the database of Gram Manchitra (spatial planning app) maintained by NIC of Ministry of Panchayati Raj or the National Water Informatics Centre (NWIC) for dissemination through a common platform, India-WRIS, being maintained by them after necessary validation. Multiple reporting formats for analysis and reporting of

the data through app, SMS, website etc could also be developed, so that the status could be conveyed with ease for decision making.

9. Steps that VLAAAs has to follow to use JALDOOT Mobile app when visiting gram panchayat observation wells or ponds can be downloaded at [https://mnregaweb4.nic.in/jaldootweb/V2-e%20broucher English JALDOOT%20Mobile%20App.pdf](https://mnregaweb4.nic.in/jaldootweb/V2-e%20broucher%20English%20JALDOOT%20Mobile%20App.pdf)

10. The water level will be measured from 1st May to 31st May as pre-monsoon water level and from 1st October to 31st October for post-monsoon water level for the same well or pond.

11. Project Directors are informed to identify ponds or open wells in every village. Illustrative lists includes villages such as Sialsuk in Aibawk RD Block; North Tinghmun in Darlawn RD Block; Khawhai in Khawzawl RD Block; Champhai in Champhai RD Block; Phura in Tipa RD Block; Zawlnuam in Zawlnuam RD Block, Zamuang in Zawlnuam RD Block and there could many ponds/lakes that are located in many villages in Mizoram which shall be identified by Project Directors/BDOs

12. Pre-monsoon measurement of wells or ponds shall be submitted to the undersigned without fail on or before **10th June 2024** and measurement of post-monsoon on or before **10th November 2024**

Sd/-R ZARZOSANGA
Commissioner & Secretary
Rural Development Department

: Aizawl, the 3rd April 2024

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Copy to:

- 1) PS to Minister, Rural Development
- 2) All Deputy Commissioners, Mizoram with a request to issue instructions to all PDs
- 3) All Project Directors, DRDOs for information and necessary action
- 4) All BDOs, Mizoram for information and necessary action
- 5) Website i/c for uploading in website

(PAUL L KHUMA)
Joint Secretary to the Government