

## **Minutes of the meeting on regular water quality test of PWSS, AIRPs, CWPPs and updation of results the test results in dashboard for Nadia district held on 22.04.2019 in the conference Hall, PHE Department, 7<sup>th</sup> floor, New Secretariat Building, Kolkata**

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The following officials were present in the meeting:

1. Sri Animesh Bhattacharya, Chief Engineer and Director, WSSO, PHE Department,
2. Sri Abin De , Superintending Engineer, Water Quality, WSSO,PHE Department,
3. Sri Santanu Chowdhury, Superintending Engineer, Eastern Circle
4. Sri Aloke Saha, Deputy Superintending Engineer II(Monitoring Cell), PHE Dte
5. Sri Sanat Adhikari, Executive Engineer, Nadia Division
6. Sri Abhijit Chatterjee, Executive Engineer, Nadia Arsenic Division-I
7. Sri Rupam Ghosh, Executive Engineer, Nadia Arsenic Division-II
8. Sri Shamideep Bhattacharyya, Assistant Engineer
9. Sri Prithis Bhattacharyya, Assistant Engineer
10. Ms Viji John, Consultant WASH , for Water Safety and Security, UNICEF
11. Sri Tuhin Ghosh , System Manager, WSSO
12. Smt Madhurina Majumder, Sr. Consultant, WSSO
13. Sri Chandradip Chakraborty , Lab Coordinator (Water Quality ) , WSSO
14. Sri Rajesh Poddar , District Consultant , Nadia
15. Sri Amit Mukherjee, Horizen

The Chief Engineer and Director, WSSO, PHED took the chair and initiated the discussion.

A presentation was made in the very beginning, stating no. of PWSSs AIRPs & CWPPs wherein water quality tests were not conducted for long intervals (with different time ranges) . CE and Director WSSO stated that district specific dashboard for Nadia district is under preparation and he also highlighted the necessity of regular testing and updating of water quality test results in the dashboard which will be shared with district, block & GP authorities in due course. He requested all Executive Engineers of Nadia district to ensure regularly collection of water samples and updating of the test results .


Threadbare discussions on the following points were made in the meeting:

1. As observed in the presentation and highlighted by the concerned Executive Engineers, quite a few no. of PWSS has been integrated with surface water based schemes. Accordingly necessary corrections are required to be made in the Drinking Water Supply Status in PHED web site as well as Water Quality Dashboard for such overlaps. Deputy Superintending Engineer II (MC) was requested to take up the matter with concerned agencies. The Executive Engineers of Nadia District were also requested to check the Drinking Water Supply Status in PHED Website and inform Deputy Superintending Engineer II (MC) regarding mismatches pertaining to the above.
2. It was stated by Chief Engineer & Director, WSSO that water quality of water samples from Tubewells of PWS schemes are presently not being uploaded in Water Quality dashboard. It was decided to start off with Nadia district (wherein GIS mapping of the TW have already been accomplished) presently.

After deliberations it was agreed that the Tube wells of the pump houses need to be duly marked so as to enable sample collectors to map the source using mobile app, so that the TW no. can be automatically populated in the respective dashboard. In case of the districts where resource mapping have not been accomplished yet, the water test results from PWSS tubewells, will have to be submitted with TW no and Zone (as applicable) in hard copy as per prescribed format.

3. It was also discussed in the meeting that information of any AIRP or IEP in PWSS need to be incorporated in Drinking Water Supply status as well as PWSS section in WQ dashboard. It was decided that WSSO will request the respective agencies in this regard for incorporation of this provision in respective areas of PHED website. The Executive Engineers of the different divisions may be requested to update information regarding AIRP/IEP in relevant schemes under their jurisdiction subsequently.
4. Chief Engineer & Director, WSSO also requested Superintending Engineer, Eastern Circle to explore the option of ensuring sample collection from AIRPs and submission of the same for respective laboratories by engaging one person (block wise), so that the above task can be positively accomplished by 1<sup>st</sup> week of every month. It was decided that the same person will monitor regular backwashing operations of the AIRPs as well. It was discussed that in due course, such provision may be included within scope of work for operation & maintenance for AIRPs.
5. Executive Engineers of Nadia district requested that certain data fields with respect to technical information should be made optional. Chief Engineer & Director WSSO requested to Superintending Engineer, Water Quality to peruse the technical information section for earmarking the respective fields which can be made optional and accordingly request the concerned agency to take necessary action in this regard.
6. It was decided that tests for manganese, sulfate, silica, phosphate and speciation of Arsenic for AIRPs should be conducted once in every six months. Consultants of WSSO were requested to follow-up regarding the matter for intimating the division accordingly.
7. After several deliberation of the meeting the following points to be incorporated:
  - a) Include last back wash date during sample collection.
  - b) Include last date of change of polishing media.
  - c) Reasons for failure to collect sample.
  - d) Provision of inclusion of Manganese, Sulfate, Silica and Phosphate test results in dashboard
  - e) An alert to be triggered (through SMS) for every unsafe test results to concerned Executive Engineers & Assistant Engineers.
  - f) A download option to be added for downloading technical data form of each AIRPs and preserve hard copy of the same in division office.

8. All information for CWPPs installed other than NITI Ayog funding needs to be entered in the respective section of the dashboard. A format in this regard needs to be send to different division for furnishing relevant information for uploading such information in CWPP dashboard.

  
Chief Engineer & Director, WSSO

PHE Department, Govt. of West Bengal

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**Dated:** 02/05/2019.

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Chief Engineer & Director, WSSO

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