

Field Inspection of Jowai (Urban) Water Supply Scheme

Date of Inspection - 11.03.2010

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Name of the Scheme – Jowai (Urban) Water Supply Scheme.
(Renovation of Jowai Water Supply Scheme)

Source of Fund- Funded under NLCPR by DONER

Type of Scheme- River Pumping

Name of Source- River Umngot near Sohmynting village

Type of source- Surface Water

Time of completion proposed – 2 Years.

Approved cost - Rs 1541.13 lakhs

Date of Approval - 01.04.2003

Amount released - Rs. 1229.60 lakhs

Expenditure incurred - Rs.1135.35 lakhs
(December 2009)

Ultimate population - 62,000

Date of start of the Work - 2005

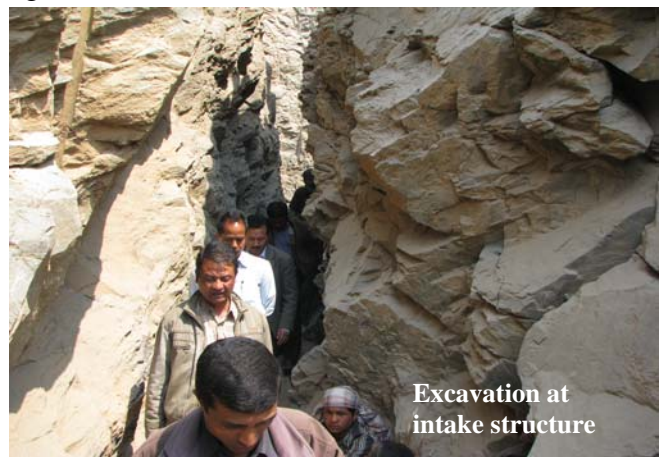
Status of work - Under progress

Distance of existing Treatment Plant from Intake Structure - 12 Kms

Distance of Main Raw Water Storage Reservoir at Sohmynting village to Treatment Plant (Jowai) - 9 Kms.

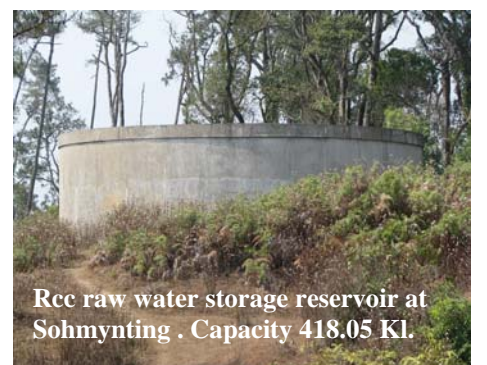
Size of MS pipe pumping Main - 350mm Dia

Executing agency- PHE Department



Observations/Findings:-

1. Excavation of a hard rock for construction of Intake Well is under progress. The work was allotted to M/S Ravi Kumar and Company. **Progress of the excavation work is very slow. It will take some more time to attain the required depth.**
2. **As of now there is no electricity transmission line up to the Intake Structure** and Sohmynting is the nearest village (distance 6.5Kms) where electricity is available. The Executive Engineer,PHE informed that he has already taken up the matter with MeSEB and the amount involved will be paid by PHE.
3. The JHADC took 2 years to issue the trading license from 2003 till April 2005 and this has delayed starting of the work
4. The pumping system will be at two stages i.e one at the Intake Structure and the other at the intermediate Pumping Station. The water will be pumped through the raw main M.S(350mm dia) pipe upto the Main raw water reservoir at Sohmynting village and from there the water will be taken to the Treatment Plant(old) at Jowai through a main MS Pipe by means of gravity (9 Kms)
5. Progress of various types of works is as under:
 - (i) Construction of raw water intermediate pumping house and Raw water Rcc sump- completed.
 - (ii) Main pipeline M.S Pipe connection – completed.
 - (iii) Raw water main storage reservoir at Sohmynting village-completed.
 - (iii) Zonal reservoirs- 10 Nos completed, 2 Nos in progress.
 - (iv) Main RCC reservoirs-completed.
 - (v) Pipeline distribution system-almost completed
6. The main approach road from Sohmynting village up to Intake Structure about 6.5 kms was constructed under the Project.
7. Delay in obtaining permission from State PWD and from GREF for installation of pipes.
8. It was also informed that the work could not start immediately after the issue of trading license by the JHADC in April 2005 due to monsoon and difficult terrain.
9. Though the time scheduled to be completed is only 2 years but even after 5 years the scheme is yet to be completed.



Recommendations :-

- 1 Five (5) years have now completed since the start of the work and it may take another 1 year to complete. Hence PHE Department should take special attention to expedite the progress of the remaining works.
- 2 PHE should closely monitor the progress of the work at the **Intake Structure** so as to complete the excavation work before this coming monsoon season.
3. PHE Department should immediately take up with MeSEB to ensure **Power supply connection** to the Intake Structure at the earliest possible.

