PROGRESS REPORT

FOR THE CONSTRUCTION OF MBAA WATER PROJECT

1. **Project location**
   Mbaa Village - Mbuwarr Community, Nkambe Central Sub-division, Donga/Mantung Division of North West Region of Cameroon

2. **Date of report: 15th September 2013**

3. **Period covered by report:** February15 to September 14th, 2013

4. **Project purpose**

   To increasethe supply of potable water to 12,000 inhabitants of Mbaa Community and other 5 Villages of Mbuwarr Community

5. **Planned Activities for project phase one**

5.1. Construction of stream intake
5.2. Construction of 10m3 sedimentation tank
5.3. Construction of 13m3 up-flowing-roughing filter tank
5.4. Construction of 80m3 slow sand filter tank
5.5. Laying of 1420m of pipeline
5.6. Production of water manage and caretakers training handouts
5.7. Training of manage committee and caretakers

6. **Approved funding for the project:** 18, 764 625 FCFA

7. **Actual realization of planned activities**

7.1. Intake Structure

It has been completed at 98 percent level. Only plumbing and spill weir control device is pending completion. The strategic location of the sedimentation tank required the addition of a dam wall to the stream intake on either side to raise the water level. Thus the dam wall is completed at 70 percent level. It is constructed of dry stonemasonry (without mortar) and includes two wall leaves with a cavity in between to be filled with clay soil to make the wall impervious.

7.2. Sedimentation tank

It has been completed at 99% level and pending only plumbing.

7.3. Up-Flow-Roughing Filter Tank (URF)

It has been completed to 96% percent level and pending only installation of door shutter, plumbing and placement of the gravel filter media.

7.4. Slow Sand Filter Tank

It has been completed at 70% level. Elements still to be constructed include plastering, pointing, roof slab, door shutter, plumbing and sand filter media.

7.5. Pipeline

The excavation of trenches has been completed to 65% level. Work done is not up to the level that plumbing can commence. 300m of the pipeline is full of stones and thus making excavation process difficult.The community members are putting in their best and are only able to put in two days of work per week out of their daily economic and social activities.

7.6. Training of management committee and caretakers

Planning meetings have held to discuss the criteria for selecting members to be involved and that exercise is going on.

8. Level of budget execution: 12, 839 513 FCFA

9. Impact of the project

Four villages are more united as before as they meet regularly to plan and implement project activities. The Fons as well have meet on two occasions to resolve some dispute concerning the project.

10. Difficulties encountered at the moment

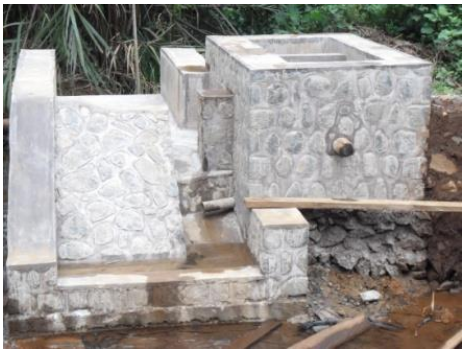
10.1. The bad state of road makes it difficult to transport material to their respective sites
10.2. Poor whether condition is greatly affecting project activities
10.3. The stony nature of the pipeline is greatly slowing down progress on pipeline works
10.4. The community members are just recovering from busy period of maize harvesting, transportation from farms and storage. This also affected work progress on the pipeline trench

11. Conclusion

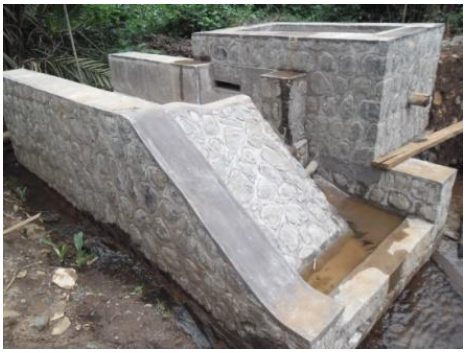
From the description above, the communal works on pipeline trenchis the activity that is highly responsible for the time frame of the whole project.

Photographs of up-to-date realisation on the site

1. Intake structure



Front view

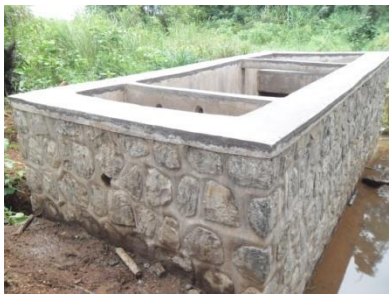


Left-Front view

Intake dam wall

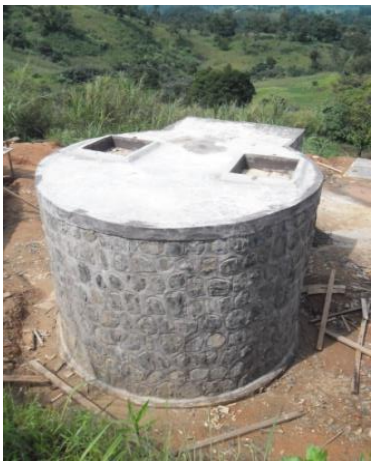
2. Sedimentation tank (10M3)


Inlet end view


Inlet end-right view


Interior of tank

3. Up-Flow-Roughing Filter (13M3)


Rear-Top views

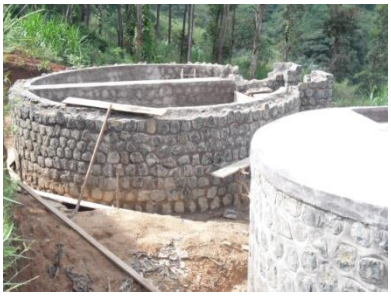

Front view


Interior view

4. Slow Sand Filter tank (80m3)


Left View


Top view


URF beside SSF tank

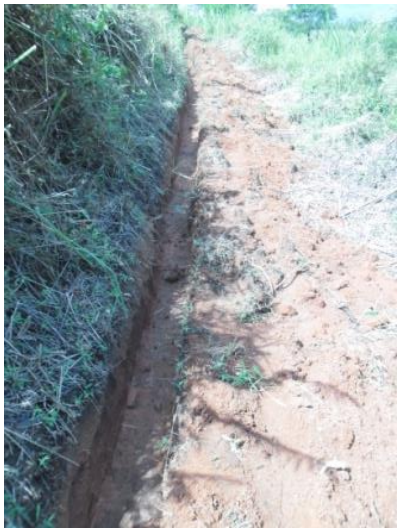
5. Quarrying of stones


Extracting stone after earth excavation


Observing the next step to be taken

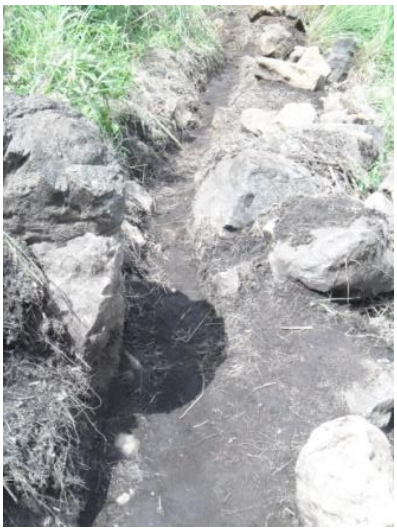

Sledging of the stone

6. Pipeline

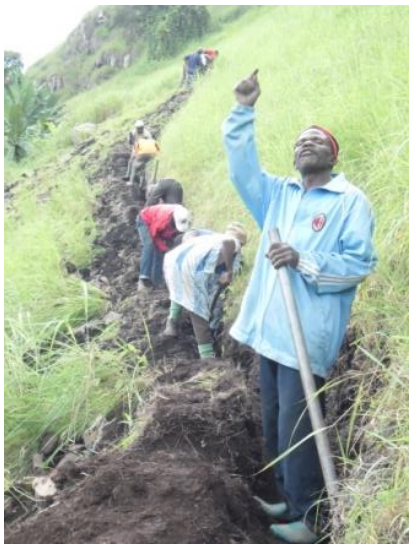


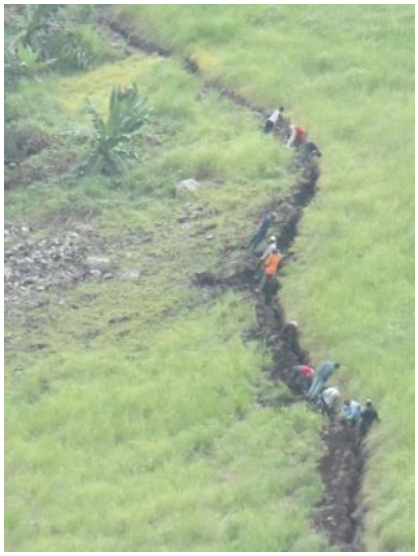
Soft sections of pipeline

Excavation via maize farm



Stony section





Community work-excavation of pipeline trenches through stony sections

7. Communal works planning and evaluation meetings (Mbaa Community hall building)

Mbaa Water Project Dam wall and catchment structure