

KAMATI YA MAJI CHA KILANGALA 2000-2001



Fatuma M. Namkungu

Mwenyekiti



Halima Ally Kitemba

Katibu



Zaituni M. Ngumbe

Mweka hazina



Mustafa A. Matumbi

Mweka hazina Msaidizi



Ahmadi M. Mkwae



Hamisi S. Maranda



Naminga M. Saidi

Usafi wa mazingira na matumizi ya maji Pampu atendantsi na usalama

KAMATI YA MAJI KIJIKI PANDE PLOT 2000-2001

Aisha Yusufu Takadiri
Mwenyekiti

Saidi Hamisi
Katibu

Wanani Hassan
Mweka hazina

Fatuma Abdalah
Mweka hazina Msaidizi

Mariam Mmadi
Usafi wa Mazingira
Matumizi ya Maji

Abinul Shawell
Usafi wa mazingira
Matumizi ya Maji

Ally Swalehe
Pumpu attendant
Usalama

MANAGEMENT OF WATER SUPPLY SCHEME (For Level-1 System)

The new government's regulation of Tanzania stipulates that all of supplied water under the public water scheme shall be charged even if it is the rural water supply.

The water supply facilities to be constructed in the future and existing supply facilities, including this pilot facility, should be operated and maintained by the users themselves.

The water users should pay for water, or should pay for operation and maintenance cost of the community-owned water supply facility.

All of the water users are responsible in operation and maintenance of the water supply facility under management of the **Water Committee Members** who are elected by the mutual vote among the users.

Role of Water Committee

The water committee representing the water users in the community is responsible in the management of the community water supply scheme by operating the supply facility continuously and by maintaining it long time, which will result to the healthy life of the villagers by reducing water-born diseases, and to the more lively production activities without anxiety of water shortage.

The committee has to carry out the overall management of the water supply facilities in collaboration with the village government, with the following specific responsibilities:

- (1) Collection of water fund from the users for the purpose of operation and maintenance of the facility (Collection method, made annually, monthly or per bucket, shall be based on the users' consensus. Per-bucket-collection may be preferable if the users are from adjacent communities.)
- (2) Management of incomes and expenditure of the collected water fund
- (3) To inspect the pump working and pumping rate periodically (daily, weekly and monthly). If the pumping rate is reduced, pull out the pump cylinder for repair.
- (4) If the pumping rate reduction is not caused by the cylinder damage after some-year use of the well, flashing of the well may be needed. In this case, the committee should ask the assistance from Idara ya Maji.
- (5) To secure the safety of the supply facility.
- (6) To mobilize the community on the proper water uses and environmental sanitation, especially on the constant use of supplied safe water even during rainy season

Executive Members of Water Committee

Water committee shall consist of at least following 6 executive members, and shall have at least 3 lady-members considering that women are mainly concerned with water use and management;

- Chairperson of the committee (1)
- Secretary to the chairperson (1)
- Treasurer (1)
- Member in charge of technical matters (2)
- Member in charge of sanitation (1)

Role of each executive member is as follows;

Chairperson is in charge of overall water management in the village, with following specific roles;

- To convene and preside the scheduled/emergency meeting of water committee to check the committee operation
- To convene and preside the villagers meeting on water related issues when occasion demands, in collaboration of the village chairman
- To evaluate the performance of water committee members

Secretary is the secretary to the chairperson of the committee, with following roles;

- Report writing and proper documentation of all water issues in the village
- To facilitate communication between the village and Idara ya Maji
- To write the monthly report to the committee and quarterly report to the village government in collaboration with the treasurer
- To give public information to the villagers on the activities of the committee and the financial statement of the water fund

Treasurer is responsible in water fund related matters, with following roles:

- To keep the account book and provide the financial statement on the income and expenditure of water fund
- Banking procedure of the water fund
- Payment for purchasing of spare parts and for the services of Idara ya Maji
- To prepare the draft of monthly financial report for the committee and quarterly report for the village government

Member in charge of technical matters (Pump Attendant) is responsible in all the technical matters in operation and maintenance of the facility, with following specific roles;

- Daily and/or weekly inspection on the working condition of the pump for finding out the problems. In case of the minor problems like loosen bolts/nuts or rickety pump

body, fasten them firmly. If the pumping rate reduction is noticed, pull out the rods and cylinder for repair of the cylinder. Purchasing and replacement of the cylinder packing will be done by himself/herself.

- If the problems are of beyond control, report it to the secretary for technical assistance from Idara ya Maji.

Member in charge of sanitation is responsible for matters of sanitation and health in relation with water use. His/her activities will be conducted in collaboration with the social service committee of the village, with the following specific roles;

- To make sure of the usage of supplied clean water in the community, especially during the rainy season, recommending people not to use unwholesome water for drinking purpose
- To make the spot checks at individual household for inspection/guidance on use of water from hygienic viewpoints
- To make a random survey on amount of water used per person periodically (monthly or quarterly) in order to understand the actual water demand for future expansion of the supply scheme (number of the additional wells), and to prepare the water use report to the committee
- Inspection of the vicinity of the well whether it is kept clean or not. If the sanitation environment is not fairly good, enlighten the users to keep the clean environment

(Estimation of operation and maintenance cost for one hand-pump well)

No operation cost is required because pump is operated manually.

Maintenance cost is estimated as follows:

- | | |
|---|-----------------------------------|
| - Purchasing of spare parts: | Tsh. 40,000 per year |
| - Flashing of the well: Tsh. 400,000 per 5-year | (Tsh. 80,000 per year in average) |
| - Pump-set replacement: Tsh. 570,000 per 12 years | (Tsh. 47,500 per year in average) |
| Sub-total | Tsh. 167,500 per year |

Assuming that 50 households use one well, one household should share Tsh. 3,350 per year (280 Tsh./month/household, O/M cost may be less than Tsh. 3 per bucket.



KAMATI YA MAJI KIJJI CHA CHINONGWE 2000-2001



**FAUSTIN ATHANAS
MWENYEKETI**



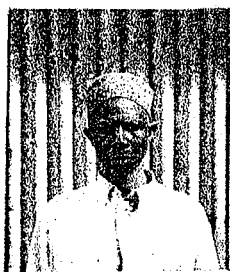
**MIKIA CHIJINGA
KATIBU**



**FATUMA MATUMBO
MWEKA HAZINA**



**RUKIA BAKARI
MJUMBE**



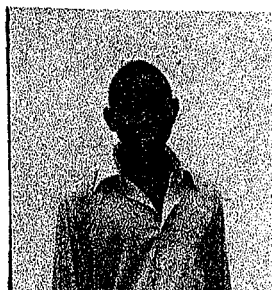
**TWAHIRI LAUSI
MJUMBE**



**ALLY LIYANGA
MJUMBE**



KAMATI YA MAJI KIJILI CHA NANYUMBU 2000-2001



**JAFARI MAISI MAREMANO
MWENYEKITI**



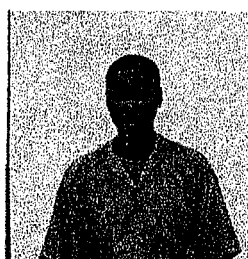
**FATUMA KALAMBO
KATIBU**



**HABIBA HAJIRI
MWEKA HAZINA**



**ASHA ABDALAH
MJUMBE**



**DHAWABU MOHAMED
MJUMBE**



**MAWAZO HASSAN
MJUMBE**