

TANZANIA

HESAWA

RURAL WATER SUPPLY,
ENVIRONMENTAL SANITATION AND
HEALTH EDUCATION PROGRAMMES
IN

KAGERA, MARA AND
MWANZA REGIONS

AGREED MINUTES

BETWEEN MCDWC AND SIDA, DECEMBER 12, 1991

AND

SUPPLEMENTARY COMMENTS TO
THE REVIEW

NOVEMBER 5 - NOVEMBER 15, 1991



(i)

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CENTRE FOR COMMUNITY WATER SUPPLY
AND SANITATION (IRC)
P.O. Box 93190, 2509 AD The Hague
Tel. (070) 814911 ext. 141/142

DA: KAN 10572
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Appendices:

1. **Specific Agreement 1990/91 - 1992/93**
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ACRONYMS AND ABBREVIATIONS

AMREF	African Medical Research Foundation
AO	Administrative Officer
BCS	Business Care Services
CDO	Community Development Officer
DC	District Council
DCDO	District Community Development Officer
DCO	Development Cooperation Office (of SIDA)
DED	District Executive Officer
D-funds	External funds (SEK), also categorised as Direct or "D" funds
DHC	District Hesawa Coordinator
DHO	District Health Officer
DMO	District Medical Officer
DPO	District Promotion Officer
DPLO	District Planning Officer
DSM	Dar es Salaam
DWE	District Water Engineer
FA	Financial Analyst
FC	Financial Controller
HA	Hesawa Advisor
HEA	Health Advisor
HESAWA	Health through Sanitation and Water
HD	Hesawa Director

HDD	Hesawa Deputy Director
HPA	Hesawa Programme Advisor
HRD	Human Resources Development
IPL	Improved Pit Latrine
JRT	Joint Review Team
MAENDELEO	Department of Community Development
MAJI	Ministry of Water
MCDWC	Ministry of Community Development, Women Affairs and Children
MM	Management Meeting (quarterly Hesawa meetings)
NPC	National Planning Commission
O&M	Operation and Maintenance
PCO	Planning and Control Officer
PM & 1st VPO	Prime Minister and First Vice President's Office
PMO	Prime Minister and First Vice President's Office
RCDO	Regional Community Development Officer
RDD	Regional Development Director
RHA	Regional Hesawa Advisor
RHC	Regional Hesawa Coordinator
RHO	Regional Health Officer
RPLO	Regional Planning Officer
RWE	Regional Water Engineer
RWH	Rain Water Harvesting
SEK	Swedish Kronor

SFO	Senior Finance Officer
SGP	Study Group Programme
SHO	Senior Health Officer
SIDA	Swedish International Development Authority
SPEE	Senior Principal Executive Engineer
STATIONARY INTERVENTION	A process in which an Hesawa Technician is <i>stationed in the village</i>
SPMO	Senior Programme Mang't Officer
STO	Store Officer
STM	Stores and Transport Manager
TAS	Tanzanian Shillings
TOR	Terms of Reference
TR	Trunk Route (main water pipeline)
VIPL	Ventilated Improved Pit Latrine
VHW	Village Health Worker
WHO	World Health Organization
WRI	Water Resources Institute
ZHC	Zonal Hesawa Coordinator
ZHCO	Zonal Hesawa Coordination Office
ZTO	Zonal Training Officer

Chapter I:

INTRODUCTION

Chapter 1:

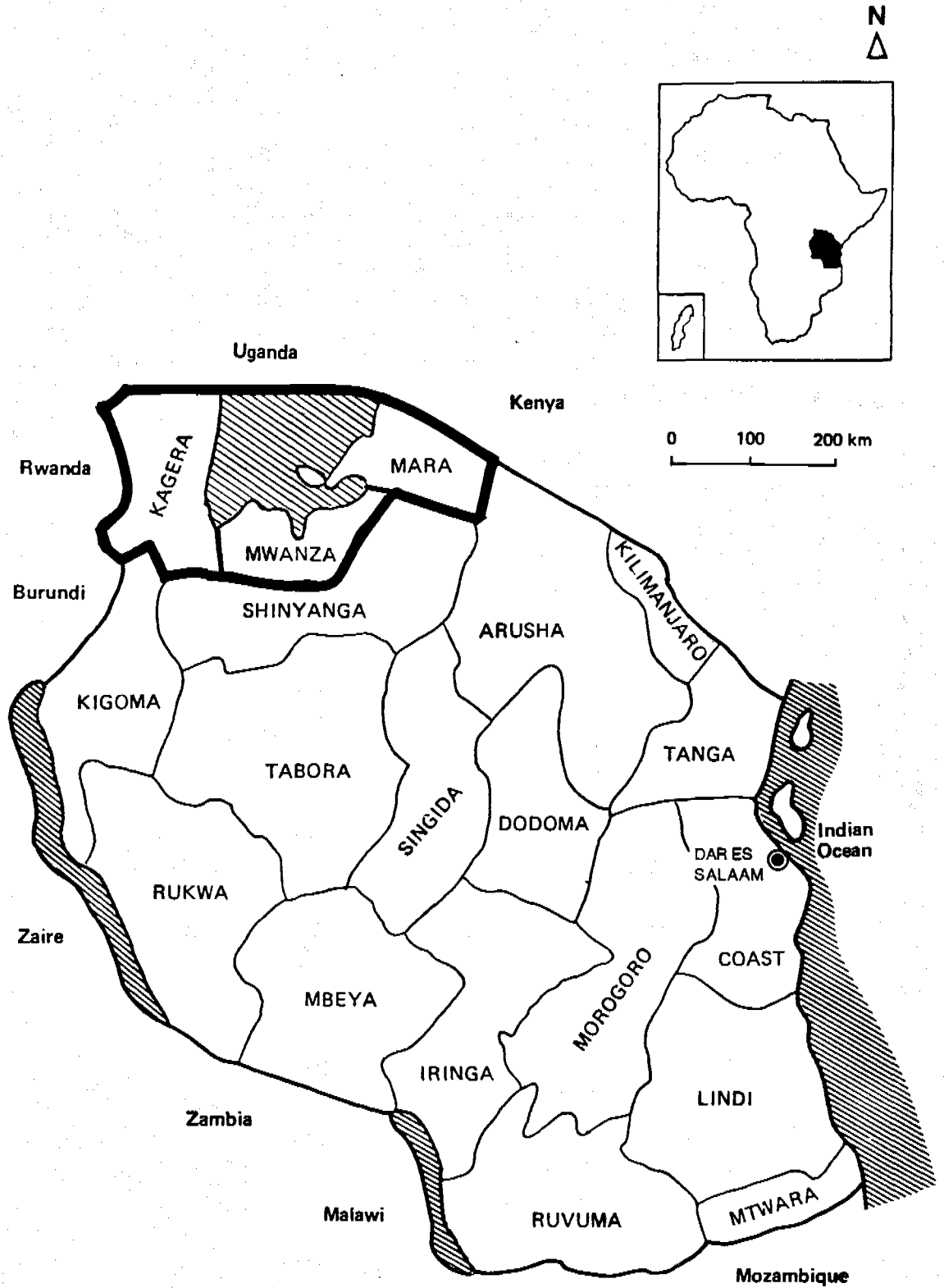
INTRODUCTION

Tanzania and Sweden have cooperated within the water sector since 1965. Assistance was initially provided as a general sector support. In the beginning of the 1980's it was concentrated to the three Lake Regions: Kagera, Mara and Mwanza, and the content of the support was changed considerably. The Programme has since July 1985 been an integrated rural water supply, health education and environmental sanitation programme (Hesawa - Health through Sanitation and Water).

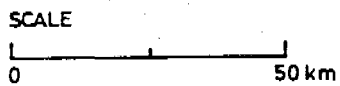
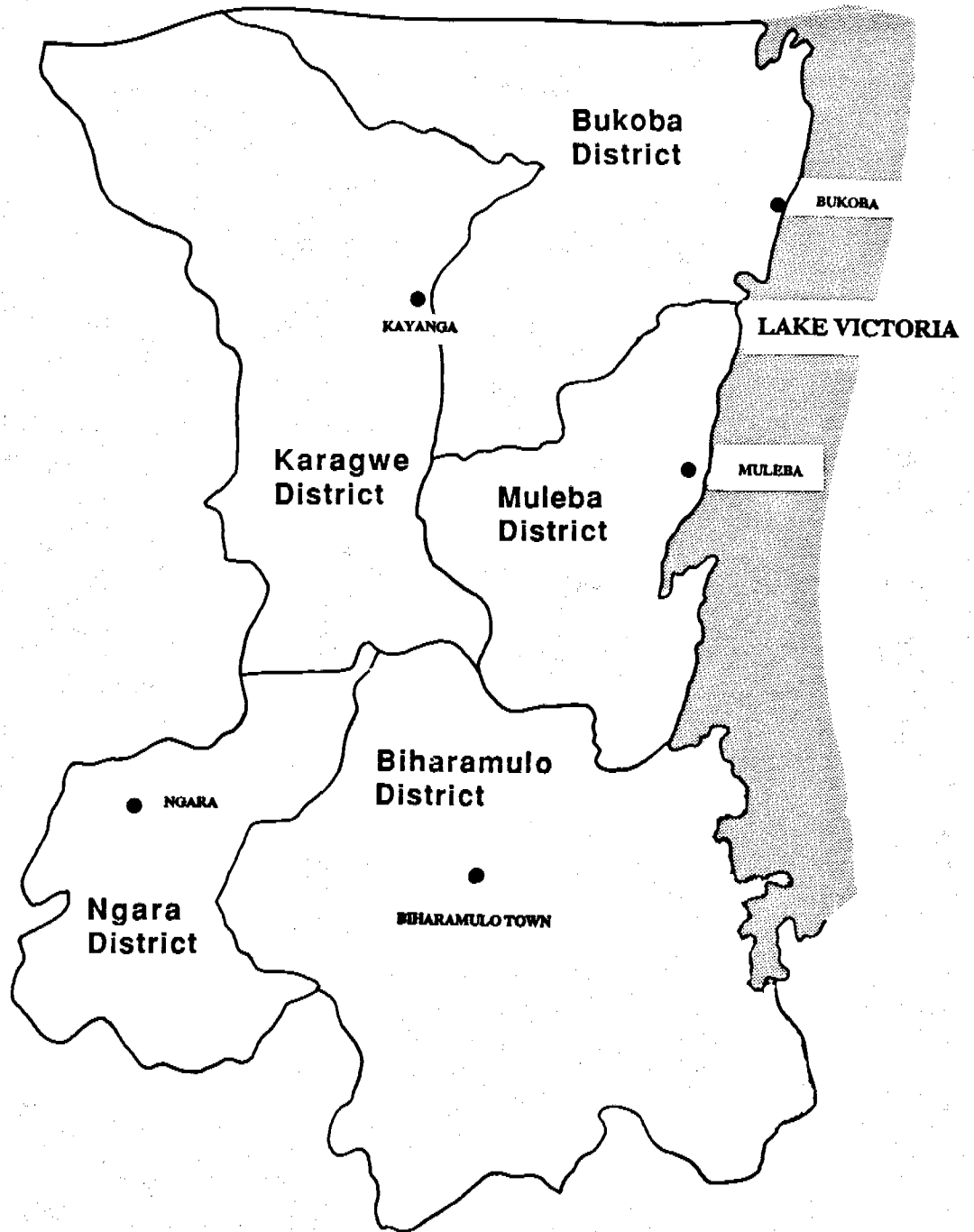
A Specific Agreement on Rural Water Supply, Environmental Sanitation and Health Education (Hesawa) between Tanzania and Sweden was concluded on September 11, 1990. The Agreement covers the period 1990/91 - 1992/93. Please refer to Appendix 1 of this Report.

According to the Specific Agreement, the Hesawa Programme shall be implemented in accordance with the agreed Plan of Action for 1990/91 - 1992/93. This governing document, dated December 20, 1989, will be found in Appendix 2 of this Report.

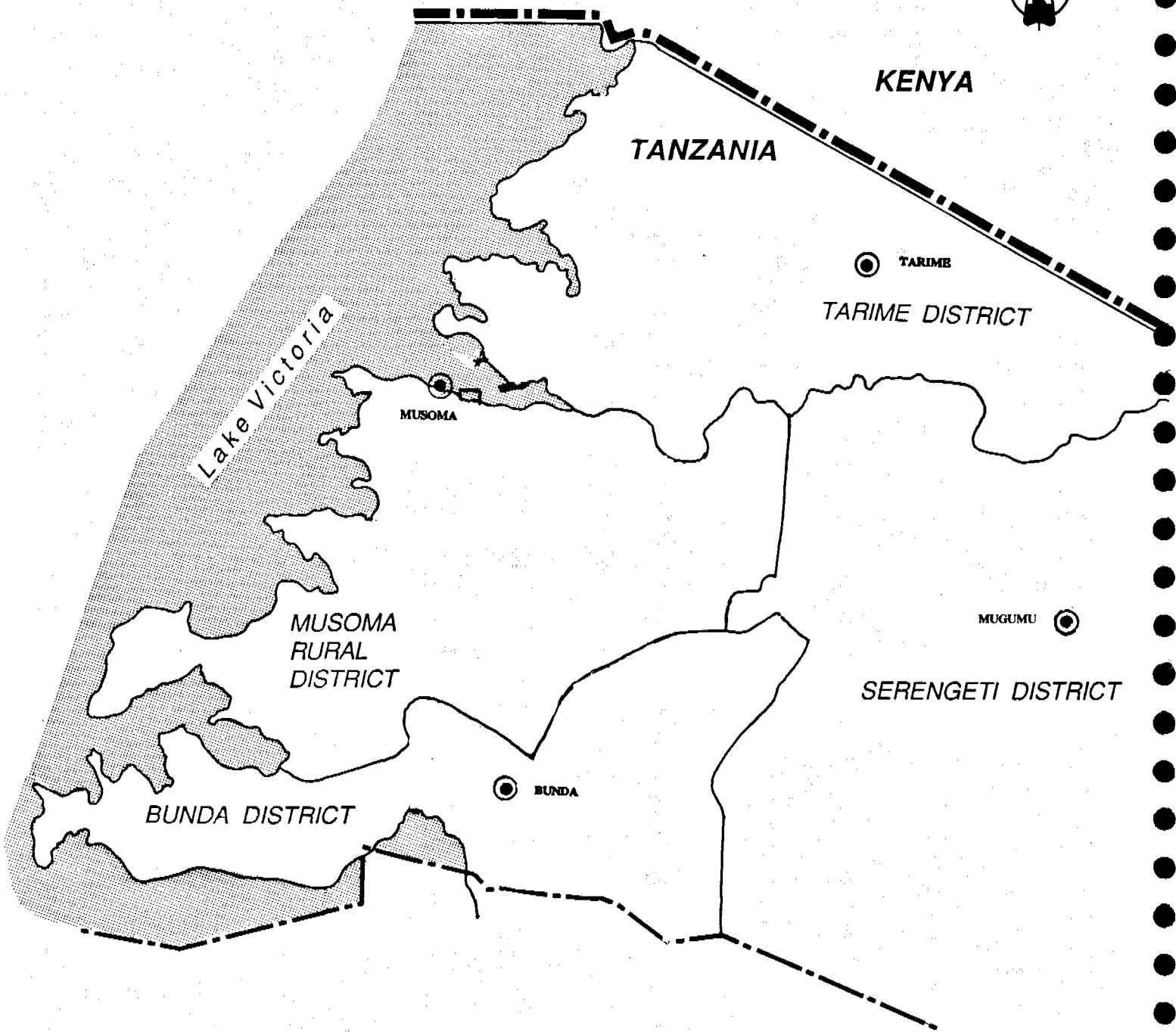
According to the Hesawa principles, planning and implementation shall be the responsibility of the villages. In order to facilitate village involvement the District Executive Director shall be responsible for the planning, budgeting, implementation and coordination of Hesawa activities. The coordination of the Programme is under the Ministry of Community Development, Women Affairs and Children.



TANZANIA - ADMINISTRATIVE BOUNDARIES (REGIONS)

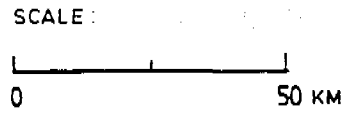
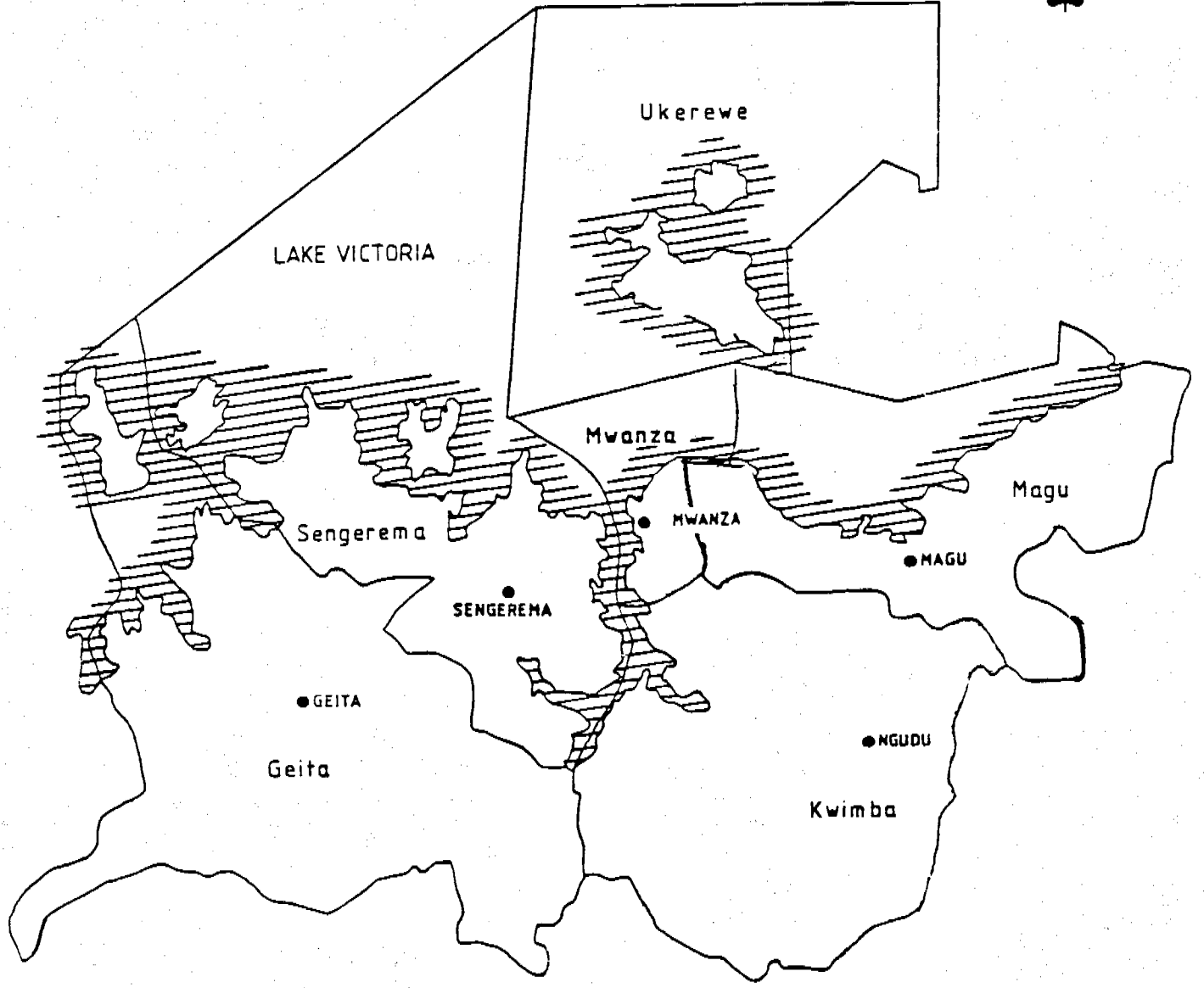


KAGERA REGION



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MARA REGION



MWANZA REGION

Chapter II:

AGREED MINUTES BETWEEN PM & 1st PVO

AND SIDA DATED DECEMBER 12, 1991

A G R E E D M I N U T E S

between the Ministry of Community Development, Women Affairs and Children (MCDWC) and the Swedish International Development Authority (SIDA)

1. INTRODUCTION

According to the Specific Agreement on Cooperation concerning Rural Water Supply, Environmental Sanitation and Health Education (HESAWA) between the Governments of the United Republic of Tanzania and Sweden, dated September 11, 1990, the progress of the Programme shall be reviewed annually. These Reviews shall take place in order to assess the results of the past financial year and to monitor the progress and agree on indicative allocations of funds for the next financial year.

A Joint Review by MCDWC, the Prime Minister and 1st Vice President's Office, the Planning Commission, the Ministry of Finance, Ministry of Health, Ministry of Water, Energy and Minerals, and SIDA, was conducted November 5 - November 15, 1991. During the Review consultations were held with Regional and District Authorities, and the Consultants of the Programme. Field visits were undertaken in Kwimba and Magu Districts.

Based on the Progress Reports presented and discussions held, the following Agreed Minutes were adopted. Further details will be presented in the Supplementary Comments to these Agreed Minutes.

2. PURPOSE OF THE 1991 REVIEW

The main tasks of the consultations were:

- a) to review the 1990/91 Annual Progress Reports and Analyses;
- b) to review the 1991/92 First Quarter Reports;
- c) to analyze Action Plans and Budgets for 1992/93 and
- d) to discuss the following subject matters:
 - decentralization
 - promotion and village planning,
 - cost awareness and mobilization of resources,

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- gender issues,
- environmental sanitation and health education,
- water development activities, including drilling activities,
- HRD activities including the Study Group Programme,
- transport requirements,
- evaluation
- audits,
- channelling of Programme funds, and
- issues relating to management and reporting.

3. GENERAL

3.1 Policy issues

Discussing the principles for the HESAWA Programme, the Parties noted with satisfaction the Programme's considerable efforts and successes in applying the basic principles such as the bottom-top approach as stated in the Specific Agreement. The Parties agreed to further stress the following issues:

- in all Programme activities the village focus should be even further emphasized;
- sustainability, affordability, replicability and credibility should remain core elements in all Programme activities;
- decentralization should be actively pursued in order to prepare for a future gradual integration of the present Programme organization into the existing Government structure.

With regard to decentralization it was agreed that the Project Management shall develop a policy paper, indicating concrete measures for this gradual integration. The policy paper should be presented not later than October 13, 1992.

The Swedish delegation expressed concern over the fact that the Local Government Act, which appears to be vital for development activities of the HESAWA type, had not yet been published in Swahili. The MCDWC informed that all practical problems had now been solved and that a commercial firm will be contracted soonest. After printing, measures should be taken to ensure immediate distribution within the Lake regions.

3.2 Implementation in 1990/91

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The 1991 Review Team noted with satisfaction that output had improved considerably during 1990/91, as compared to 1989/90.

It was also noted, however, that there is a substantial backlog of uncompleted activities in certain areas. It was agreed that backlogs must always be cleared before similar projects are started.

3.3 Organization and Management

The integrated approach of the Programme means involvement of actors from different levels: Villages, Districts, Regions, Ministries and supportive agencies (Consultants/Contractors/Suppliers).

According to the HESAWA principles, planning and implementation shall be the responsibility of the villages. In order to ascertain a village involvement the District Executive Director shall facilitate the planning, budgeting, implementation and coordination of HESAWA activities.

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The Regional Authorities shall act in a supervisory capacity.

The involvement of Programme agencies is coordinated by the Zonal HESAWA Coordination Office at Mwanza.

With regard to the capacity and performance of the Zonal Office, it was noted that its capacity had been considerably strengthened through the recent recruitment of additional staff.

With these additions, it was noted that the Office is now fully staffed, with the exception of a Planning Officer and a Water Resources Engineer to be provided by the MCDWC and Business Care Services respectively.

program
management

In the 1990 Review, it was observed that further efforts were needed in order to establish a management system that is both simple and efficient. The Programme Management reported that several steps have been taken to create such a system. Measures have been taken to improve planning, implementation and reporting routines at all levels.

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For example, a new accounting system has been introduced as a first step towards establishing an efficient financial management system. Furthermore, the management intends to strengthen its role in working out guidelines for monitoring key activities such as water development, human re-

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sources development and management of programme resources. Improved administrative and financial systems shall be presented not later than October 13, 1992. If needed, short term consultancies could be used for this task.

With regard to the elaboration of HESAWA guidelines, it was noted that revision and elaboration of guidelines will be given special emphasis during 1991/92. Planned guidelines include Human Resources Development, Village Health Workers Programme, School Health and Sanitation Package, Environmental Sanitation, Gender Issues, Transport, and Phasing in/Phasing out.

4. GENDER ISSUES

It was noted that the study on women's overall involvement in the Programme, originally planned for 1990/91, will be carried out in 1991/92. Terms of reference for such a study shall be discussed between the Programme Management and SIDA.

A workshop to develop a HESAWA course file on gender issues has been held and it was agreed that the contents of the course shall be further studied before publication. It was agreed that SIDA would provide its comments not later than 20 December, 1991.

Women shall be encouraged to participate in planning and decision making at all levels within the HESAWA Programme. The Programme Management shall work out a strategy to strengthen the Gender Issues within the Programme. This shall be presented to the 1992 Annual Review.

SIDA maintains the view not to support any income generating or special women activities falling outside the present HESAWA principles.

5. PROGRAMME ACTIVITIES

5.1 Human Resources Development (HRD)

It was noted with satisfaction that an inventory of all HRD activities during the period 1988/89 - 1990/91 has been undertaken. Among other things, the inventory showed that there is a need to monitor and evaluate HRD activities systematically. To improve efficiency in HRD activities, Draft Proposals to Systematic Training Strategies have been elaborated. On the basis of these proposals, the Programme Management will introduce a number of new routines, aimed at improving:

- the identification of training needs;
- the planning of training activities, including the selection of trainees; and
- the monitoring and evaluation of training activities.

SIDA undertook to submit comments on the proposals not later than January 15, 1992.

It was agreed that the following principles will apply for future support to HRD activities:

- the Programme shall elaborate annual staff development plans and human resources development plans, referring to and motivated by specific Programme activities;
- the plans shall be approved of and budgeted for at the Budget Reviews;
- generally the HRD activities shall be carried out within Tanzania;
- when specifically required, HRD activities could be undertaken in neighboring countries, or - in exceptional cases - in other foreign countries. A plan for study tour activities, including a budget, shall be presented for SIDA's approval at Budget Reviews;
- reports on study tours containing an analysis of the advantages gained by the Programme, shall be included in the quarterly reports.

5.2 Study Group Programme

It was noted with concern that the evaluation of the Study Group Programme had not been brought to a successful completion. However, a number of the conclusions presented in a draft report have been found viable and are now under implementation. For example, the recommendations on improved control of funds, as well as the recommendations on transfer of responsibility to the Districts, are now being implemented.

It was agreed that the Training Unit shall elaborate a new proposal for the scope of the Study Group Programme, including a more flexible approach as to its contents. The proposal shall be presented to the 1992 Annual Review.

5.3 Village Health Worker Programme

A draft policy guideline on the Village Health Worker Programme was presented to the Joint Review Team. It was agreed that the policies presented in

the draft document would be further evaluated by the Programme Management and SIDA. SIDA's comments on the paper will be presented not later than January 15, 1992, and the Programme Management will submit a final policy paper, including plans for implementation, not later than February 29, 1992.

5.4 Health Education and Environmental Sanitation

A mini-baseline study of the health situation in the three regions has been carried out. However, the results of the survey were inconsistent and additional information will have to be collected.

A proposal on a School Health and Sanitation Package with emphasis on training of trainers and a new approach to villagers, was presented to the Review. However, these issues will be further studied before any strategy is adopted. SIDA undertook to present its comments on the document not later than January 15, 1992.

The concept of environmental sanitation, including operation and maintenance, shall cover not only latrine construction, but also waste disposal, water source protection, drainage and personal hygiene.

Regarding institutional latrines, the Programme Management informed the Review Team that last year's recommendations are now under implementation.

Regarding household latrines it was agreed that affordability aspects should be particularly observed.

Revolving funds are used to facilitate the villager's financing of certain small-scale activities, such as latrine slabs. It was reported that the revolving funds do not operate as intended. It was agreed that the Programme Management should carry out a study on their functioning. A report should be presented at the 1992 Annual Review.

5.5 Promotion/Community Participation

It is essential that promotion activities are adjusted to local conditions and implementation capacity. The Joint Review Team also found it essential to reiterate the HESAWA policy on concentrating activities to villages/areas where there is expressed demand for the kind of services that HESAWA can provide.

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One of the basic principles in HESAWA is to promote village's ability to plan and implement their own projects. Thus, the HESAWA input into a village should be short term and catalytic in character. Normally, the HESAWA input should be phased out after three years of intervention, and the HESAWA resources should be allocated to other villages. It was noted with concern that this policy of phasing in/phasing out is not followed in all districts. The Joint Review Team urged the Programme Management to pay attention to this issue and report progress at the 1992 Annual Review.

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The areas/villages have varying economic potential to contribute to local development. However, due to insufficient knowledge, many villagers are unaware of the need to invest in long-term improvements in the Programme. The Programme Management undertook to investigate ways of increasing awareness in this respect. It was agreed that Swedish funds could be used for this purpose.

In the 1990 Review it was agreed that all permanent traditional water sources in the Programme areas shall be identified, assessed and mapped by the promotion teams. The Programme Management reported that this is an ongoing activity which will be continuously followed up.

It was noted that the HESAWA Newsletter is covering the three Lake Regions with effect from 1991/92.

5.6 Water Supply

According to HESAWA principles, the most efficient, sustainable and affordable technologies shall be adopted. It was agreed that Programme resources should be concentrated to point sources and minor schemes (with coverage of only one village).

The 1990 Review Team called for systematic mapping of all existing water installations. It was noted that in most districts mapping had not been completed. It was agreed the mapping activity should be finalized as soon as possible. The regions shall present status reports that will be considered during the 1992 Budget Review. The reports shall be submitted to SIDA not later than February 29, 1992.

Point Sources and Minor Water Schemes

It was reiterated that:

- all water facilities should be handed over to the beneficiaries as soon as the grace period has elapsed, i.e. as a maximum within one year after completion has been reported.

The Programme Management undertook to:

- strengthen the cost recovery and operation and maintenance aspects of promotion;
- investigate practical alternatives for a continuous and reliable supply of handpump spare parts;
- initiate a programme to establish standard designs for the most common types of water facilities; and
- study and possibly redefine the grace period concept.

Progress made in these respects shall be reported at the 1992 Annual Review.

The planned assessment of rainwater harvesting will have to be postponed until 1992/93 since the activity has recently started.

Piped Schemes

Programme components and policies are specified in the Plan of Action for the period 1990/91 - 1992/93. Since this Joint Review was undertaken at the mid term of the present Agreement period, it was agreed that the Programme Targets regarding the schemes as identified in Appendix 1 of the Plan of Action, should be updated. The Programme Management undertook to provide a list of updated targets not later than February 1, 1992.

It was agreed that:

- no new construction or rehabilitation of piped water supply schemes, covering more than one village, shall be started in any District until (i) ongoing schemes have been completed, and (ii) it has been shown that completed schemes are operational and have functioning systems for cost recovery and operation and maintenance;
- the Programme Management shall before February 29, 1992 submit a progress report on the status of presently ongoing schemes, including the extent of completion, actual and planned costs, and systems for cost recovery and operation/maintenance;

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- a scrutiny of technical designs, as well as of the potential for cost recovery, shall be carried out for all major water schemes prior to proposing any such scheme for SIDA financing;
- the experiences gained regarding electrified and solar schemes shall be evaluated by the Programme Management and be presented at the 1992 Annual Review;
- a phasing-out plan regarding support to trunk routes, including elaborate systems for cost recovery from users, shall be worked out by the Programme Management and be presented not later than October 13, 1992; and
- the Consultant's recommendations on the Kayanga water scheme in Karagwe District should be followed.

Operation and Maintenance

During the promotion phase, villages shall be made fully aware of the costs and expected future expenditure. Prior to construction the funds collected for wells/handpumps shall be paid into a village HESAWA account for Operation and Maintenance. It was agreed that after the grace period the Operation and Maintenance costs shall automatically be the responsibility of the beneficiaries, and will thus not be financed by SIDA.

To improve performance relating to cost recovery and operation/maintenance, the Programme Management shall work out a reporting system that clearly defines the status of water activities. The status reports shall be of two types: (i) reports summarizing water activities in each village; and (ii) reports on the status of pipel schemes and other major projects. The reporting system shall be worked out and presented not later than to the 1992 Annual Review.

Drilling Rigs

The use of the present rigs shall continue within HESAWA in line with the present practice and procedures as long as an acceptable performance is maintained.

The Programme Management handed over a request regarding drilling activities in hard rock areas, where the present equipment could not be used. The request will be assessed on the basis of sustainability and cost effectiveness. SIDA will provide the results of the assessment not later than 29 February, 1992. It was agreed that a solution will

be sought where drillers will be contracted through competitive bidding. Short term consultancy support will be used in assuring a professional tendering process, at the same time training HESAWA staff on tendering procedures.

5.7 Material Supply

Procurement

It was noted that:

- 1) - delays in local and international procurement have caused delays in Programme implementation, in particular during the first quarter of the financial year;
- 2) - the volume of local procurement has increased dramatically;
- 3) - Dar es Salaam is now successfully used as the main port of entry.

4) Furthermore, it was noted with concern that the procedures for local and international procurement, respectively, do not appear to be fully coordinated.

It was agreed that:

- continued efforts should be made to minimize delivery times;
- steps should be taken to integrate the planning of local and international procurement;
- 5) - the present procurement catalogue should be continuously updated.

The Swedish delegation pointed out that Sweden is positive to local procurement as a means to increase the utilization of local resources. However, according to the Agreement on Terms and Procedures between Tanzania and Sweden, the price differential between local and international procurement may not exceed 15%. At present it appears likely that the price differential is greater than 15%, in particular since the Programme has not as yet been given the privilege of exemption from excise and sales tax.

Bulk Store

It was noted with satisfaction that the bulk store and the workshop have moved into new premises. Thus, conditions for improved services have been created.

It was agreed that:

- the Programme shall continue to maintain a Bulk Store of construction materials, equipment and spare parts;
- the materials and goods in the Store shall be regarded as the property of the Tanzania Government until such time as the goods have been requested, approved, issued and signed for by the Executing Agencies of the Programme;
- the total value of the goods in the Bulk Store shall not exceed SEK six million. In exceptional cases, for example when there is need to store expensive equipment for a specific project, SIDA may approve that the total value of the goods in the Bulk Store be temporarily increased;
- procedures shall be established on how obsolete stock should be disposed of. These procedures should be discussed and approved by the Management Meeting.

5.8 Transport

It was agreed that a transport study covering the whole of the HESAWA Programme shall be carried out. The study shall provide the basis for a long term strategy as to how the transport problems within the Programme shall be solved. The terms of reference shall include investigations as to the role that could be played by commercial actors within the sector, both as regards the provision of transport services and as regards operation and maintenance. The study shall be completed not later than end of March, 1992. SIDA would be willing to provide support in the elaboration of terms of reference for the study. Awaiting the results of the study, the basic transport policies will remain as before.

The Project Management requested that a number of vehicles be replaced. In addition, it was agreed that vehicles should be provided for the HESAWA Technician in Musoma, the Rain Water Harvesting Technician in Karagwe, and the HESAWA Technician in Kwimba. Three additional vehicles to the Zonal Office were also agreed.

A request for procurement of vehicles using programme funds and reimbursed by local funds was presented to SIDA by the Regional Development Directors and the District Executive Directors. SIDA was informed that local funds for this purpose would be committed in 1992/93 Government Budget. In response, the SIDA delegation stated that this

request could not be met. The proposed procedure would not be in line with given directives for the utilization of Swedish support funds and would counteract the collective Tanzanian/Swedish efforts towards avoiding bypass solutions.

In this connection SIDA informed about the Open General Licensing Facility, OGL, open to importers via the Bank of Tanzania on payment of cash cover in TAS for the foreign exchange. The total donor commitment f/y 1991/92 to this facility amounts to 240 million US\$ equivalent to 64,4 billion TAS.

It was noted with satisfaction that vehicle running costs in 1990/91 had been substantially lower than budgeted. It is envisaged that running costs will be even lower during 1991/92.

The Joint Review Team stressed the importance of improving road safety and minimize the number of accidents. The Programme Management was urged to take strong action to ensure that drivers fulfil HESAWA requirements as to competence and traffic conduct. Drivers who do not fulfil these standards should be replaced.

With regards to claims on State Motor Corporation it was noted that the Programme Management intends to request MCDWC to take legal action to have the claims settled. The Joint Review Team supported such action.

5.9 The Consultants

The Management reported that consultancy contracts have been signed with Business Care Services of Dar es Salaam and Hifab of Stockholm. The task of Business Care Services is to recruit and administer professional and support staff within the HESAWA Programme. Hifab, on the other hand, is responsible for the recruitment and administration of specified expatriate staff and local support staff, for facilitating the channelling of certain external funds, for international procurement and the handling of such goods.

6. MONITORING, EVALUATION AND AUDITING

6.1 Reporting

It was noted with satisfaction that reporting had improved in most areas since the time of the 1990 Review. It was particularly noted that the Zonal Office has raised its capacity to analyze reports from districts and regions. As a result of the recruitment of sector specialists to the Office,

there is now a potential for sectorial monitoring and analysis.

Still, it was noted that reporting systems could be further improved. For example, data on the rate of implementation should reflect the rate of utilization of funds as well as the rate of physical progress. Furthermore, progress reports should reflect development over time, and cover actual implementation as compared to plans, as well as the utilization of funds as compared to budget allocations. Progress reports should also provide factual data, such as the names of villages at different stages of intervention. An example of such reporting was provided by the Mara Region. It was agreed that the Programme Management should initiate an improvement of the reporting system in this respect and present proposals to SIDA not later than 29 February, 1992.

Fm | With regard to accounting and swift feed-back information on material supplies and the utilization of Swedish contributions, the Programme Management reported that the newly introduced accounting system, as well as stricter rules for the handling of materials, were examples of measures to improve the management's monitoring and control functions. The accounting system is still at an early stage of implementation, and will require further training of staff, and continued Management attention, during 1991/92.

In 1990/91 several cases of overexpenditure were reported. It was agreed that priority should be given to developing functional budget follow up procedures and to instilling budgetary discipline. The Programme Management undertook to have these measures implemented during the 1991/92 financial year.

It was noted that certain reports from SIDA on the utilization of funds had been delayed due to changes in the financial administration system of SIDA.

The previous policy of only reporting fully completed activities will remain in force.

6.2 Evaluation

It was confirmed that an evaluation will be carried out first half of 1992. Two separate approaches, covering qualitative and quantitative aspects, respectively, will be included, and synthesized into a coherent analysis of the Programme and its achievements.

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Regarding the implementation of the evaluation it was noted that efforts should be made to minimize disturbances to Programme implementation. The Swedish delegation also noted MCDWC's request that the evaluation should be carried out in steps. It was agreed that SIDA before December 15, 1991, shall provide its views on the design of the evaluation.

6.3 Auditing

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The MCDWC, the Programme Management and the Swedish delegation expressed strong concern regarding mismanagement of resources, as identified in a number of audit reports. It was noted that some measures to rectify the situation have been undertaken, including disciplinary action against certain officials and the initiation of repayments of funds to the Programme, Equally, or even more important, are measures to improve systems for control of resources within the Programme, and it was noted that certain steps, including the employment of an internal auditor and revised routines for the handling of material, have been taken.

However, in the view of SIDA, reactions from the MCDWC, being the accountable entity, have not been as strong and prompt as would have been desirable. It was agreed that:

- decisive measures shall be taken to strengthen control systems at all levels in the handling of material and other resources;
 - reactions from the MCDWC, including comments from the audited part of HESAWA, on future audit reports shall be submitted to SIDA not later than three months after the receipt of the reports;
 - reactions to presently available audit reports shall be submitted to SIDA not later than February 29, 1992;
 - in cases where reactions are not received as stipulated or when corrective measures are deemed insufficient, disbursements to the audited activity will be discontinued with immediate effect;
 - auditing will continue on a regular basis but with varying emphasis as to Programme components;
 - MCDWC will in addition use its own auditors for audits of parts of the Programme;
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- as a result of audits already carried out, SIDA has decided to limit the 1992/93 allocations to the Districts of Bunda, Biharamulo, Musoma Rural and Mwanza Municipality to the amounts indicated in Enclosure 1. In implementing this decision great care should be taken not to reduce implementation activities in the villages. As a first measure, HRD activities at the District level will be reduced, e.g. all study tours will be cancelled.

When submitting audit reports to the MCDWC, SIDA will simultaneously submit a copy of the document to the Zonal HESAWA Coordination Office for distribution to the audited part(s).

7. FUNDS AND DISBURSEMENT PROCEDURES

7.1 Local Funds

It was noted that local funds remain a problem to Programme implementation, both in terms of quantity and in terms of disbursement procedures. It was proposed that the MCDWC should investigate ways of improving disbursement procedures.

At the District level the District Executive Director is the warrant holder of the Council's funds.

All districts are required to hold specific HESAWA accounts in order to ensure efficient transferring and control of funds. It was reported that all districts had now opened such accounts.

District Council contributions to the HESAWA accounts will continue to be increased by 25% from the Planning Reserve. This contribution shall as a first priority be used for payment of allowances to field staff. It was noted with concern that SIDA had not been able to disburse these funds as they were not reflected in the Annual Budget Book. The MCDWC undertook to push the issue with the Planning Commission and the Treasury.

7.2 Foreign Funds

Funds budgeted for district activities, such as human resources development and the Study Group Programme, shall continue to be channelled through the district HESAWA accounts. As stipulated in the Specific Agreement such funds shall only be utilized for planned HESAWA activities. Misuse of such funds will imply that further disbursements will be stopped immediately.

Plans and budgets shall be based on actual capacity, past performance and real costs. Adequate planning/implementation reserves will be provided for in the budget. These reserves can only be utilized after joint approval by MCDWC and SIDA.

It was noted that disbursements in the form of converted D-funds have increased dramatically. During 1990/91 SEK 9.3 million, or 30% of disbursed funds, were transferred in the form of such funds. Present procedures are not designed for such volumes and need to be revised.

To improve procedures a committee has been formed with the task of proposing changes of the present disbursement system. The committee, which will have representatives of the Ministry of Community Development, Women Affairs and Children, the Ministry of Finance, the Planning Commission, the Prime Minister and 1st Vice President Office, SIDA and the HESAWA Programme Management. A priority task will be to propose changes to the present parallel methods of disbursing foreign funds. It was agreed that the committee shall present its findings at the 1992 Budget Review. MCDWC shall be responsible for convening committee meetings.

8. BUDGET

The present Specific Agreement is valid up to June 30, 1993. For the period 1990/91 - 1992/93 Sweden has agreed to contribute SEK 114 million to the HESAWA Programme.

The Swedish contribution for 1992/93 will be SEK 38 million. An indicative budget for 1992/93 is enclosed. Detailed allocations will be agreed upon during the Annual Budget Review.

It was agreed that:

- the Budget Review will take place in March, 1992;
- budgeting of D-funds shall be carried out at the same time as budgeting of local funds;
- documents to be discussed during the Budget Review shall be presented to SIDA and MCDWC at least three weeks prior to the start of the Budget Review.

9. REGIONAL ACTIVITIES

9.1 Kagera Region

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It was noted with satisfaction that Kagera continues to make progress among other things in the field of operation and maintenance and rain water harvesting.

The region was requested to look into the appropriate balance between piped water schemes and shallow wells.

Project supported by other donors, implemented in areas near HESAWA activities, might cause problems due to differing policies. The Programme Management has initiated measures to solve such problems.

It was noted that Biharamulo District will be affected by budget reductions as a result of unexplained utilization of resources. See para. 6.3 above.

9.2 Mara Region

It was noted with satisfaction that implementation had improved considerably in 1990/91. It was also noted that regional and district authorities are committed to further improvements in 1991/92.

It was noted that UNICEF will start implementing a rural health programme in the region. It was agreed that SIDA and the Programme Management will take measures to ensure harmonization between HESAWA and the health programme.

It was noted that the Districts of Bunda and Musoma Rural will be affected by budget reductions as a result of unexplained utilization of resources. See para 6.3 above.

9.3 Mwanza Region

It was noted with satisfaction that the Region's annual reports on physical implementation was well structured and comprehensive.

It was noted that UNICEF will start implementing a rural health programme in the region. It was agreed that SIDA and the Programme Management will take measures to ensure harmonization between HESAWA and the health programme.

It was noted that Mwanza Municipality will be affected by budget reductions as a result of unexplained utilization of resources. See para. 6.3 above. HESAWA activities in the Municipality are to be phased out in 1992/93. However, it was noted with concern that proper preparations for the phasing out have not been made as yet. The Region

was called upon to look into this matter and report progress not later than February 1, 1992.

Research activities proposed under "Regional Maji" do not form part of the HESAWA concept and will not be supported.

10. NEXT ANNUAL REVIEW

It was agreed that the next Annual Review will be held November 16-27, 1992.

Annual Reports, Action Plans and any other relevant reports or documents to be considered during the Joint Annual Review shall be presented to SIDA one month prior to the start of the Review, i.e. not later than October 13, 1992. No reporting from the first quarter of the ongoing financial year will be required.

It was agreed that it is the responsibility of MCDWC to ensure that all relevant documents are made available to Review Team members.

These Minutes shall be put into effect as from the date of signature, if not otherwise specifically stated herein.

December 13th 1991

Done in Dare es Salaam, November .., 1991.

[Signature]

Signed on behalf of
The Ministry of
Community Development,
Women Affairs and Children

[Signature]

Signed on behalf of
Swedish International
Development Authority

Enclosure 1.

PROPOSED BUDGET 1992/93 (SEK '000)

KAGERA

Regional	1.000	
Bukoba Rural	1.400	
Biharamulo	850	
Karagwe	930	
Muleba	650	
Ngara	480	
Total		5.310

MARA

Regional	1.250	
Musoma Rural	375	
Bunda	700	
Serengeti	870	
Tarime	400	
Total		3.595

MWANZA

Regional	750	
Magu	1.275	
Mwanza Municipality	650	
Kwimba	1.900	
Ukerewe	500	
Geita	350	
Sengerema	300	
Total		5.725

ZONAL ACTIVITIES 18.500

PLANNING RESERVE 4.870

GRAND TOTAL 38.000

minutes
 Source: Joint Annual Review, 1991.

Chapter III:

THE REVIEW TEAM'S SUPPLEMENTARY

COMMENTS TO THE AGREED MINUTES

20

Appendix to Agreed Minutes

Joint Annual Review, 1991

PROCEDURES FOR THE HESAWA BUDGET REVIEW

With reference to Para. 10 of the Agreed Minutes the following procedures for Hesawa Budget Reviews have been worked out in cooperation between the Programme Management and the SIDA office in Dar es Salaam.

Introduction

Hesawa Programme activities have developed to become so comprehensive that new procedures are required for the presentation of budget proposals from District, Regional and Zonal Offices to the Ministry of Community Development, Women Affairs and Children (MCDWC), and SIDA.

Objectives

The overriding objective is to transfer the full responsibility for budgeting and planning to Tanzania.

In order to achieve this objective, new budget procedures are required. The aims of the new procedures are:

- 1) to improve skills and coordination in planning, budgeting and reporting;
- 2) to decrease the time and resources required for planning, budgeting and reporting at the District, Regional and Zonal levels;
- 3) to improve reporting procedures by training and uniforming sets of reports; and
- 4) to contribute to actual decentralization to the District and Village levels of planning, budgeting and the establishment of performance targets.

Training

During the Budget Review, more emphasis should be given to training activities as far as activity planning, budgeting and reporting are concerned.

PTD.

By obtaining knowledge in planning, budgeting and reporting, each District and Region, as well as the Zonal Office, will be able to present activity plans and budgets that in a realistic way correspond to actual implementation capacity and capability.

The New Procedure

- 1) According to the new procedure, each Region shall present District and Regional plans and budgets to the Hesawa Management. It will be the responsibility of the Hesawa Management to negotiate and agree with the Districts and Regions as to what activities and budgets should be forwarded to MCDWC and SIDA for their final approval.
- 2) When the Hesawa Management has agreed with all Districts and Regions, MCDWC and SIDA will meet and discuss the proposals with the Hesawa Management. The meeting will also deal with matters of principle, if any. When an agreement has been reached, there will be an opportunity for the District and Regional offices to meet the Hesawa Management, MCDWC and SIDA to have their budgets confirmed, or further discussed, if needed.

Chapter 3:**THE REVIEW TEAM'S SUPPLEMENTARY COMMENTS TO THE AGREED MINUTES**

1. INTRODUCTION

The 1991 Joint Review of the Hesawa Programme was performed in the mid-term of the 1990/91 - 1992/93 Programme period. Programme activities are governed by the attached Specific Agreement (Appendix 1) and Plan of Action (Appendix 2).

The Review was held in Mwanza and Dar es Salaam November 5 - 15, 1991. Representatives of the Ministry of Community Development, Women Affairs and Children, the Prime Minister and 1st Vice President's Office, the Planning Commission, the Ministry of Finance, the Ministry of Health, the Ministry of Water, Energy and Minerals, as well as representatives of the Kagera, Mara and Mwanza Regions and Districts, the Consultant and SIDA, participated in the Review. For terms of reference, please refer to Appendix 3, and for participants to Appendix 4.

During a field visit to Kwimba District on November 10, a number of Hesawa installations were inaugurated.

The Review discussions were based on the following documents:

- Report from the Zonal Hesawa Coordination Office;
- Regional and District Hesawa Review Documents from the Kagera, Mara and Mwanza Regions: Annual Reports FY 1990/91, Progress Reports First Quarter 1991/92, and Action Plans and Tentative Budgets for 1992/93;
- Specialized reports and documents from the Zonal Hesawa Coordination Office; and
- The Consultant's Report 1990/91.

The discussions held are either reflected in the Agreed Minutes or in these Comments, or both. These Comments do not exhaustively cover the discussions held during the review, but rather reflect discussions on some of the major subjects.

2. GENERAL

2.1 Policy Issues

As noted in the Agreed Minutes, the Project Management shall develop a policy paper, indicating concrete measures for the gradual integration of the present Programme organization into the existing Government structure.

In this perspective, the Zonal Hesawa Coordination Office should endeavour to become less involved in implementation and rather concentrate on strategic issues, policy making, monitoring and control.

Among the strategic issues, the issue of village focus is central. Efforts to further strengthen village involvement will be made by the Zonal Office.

While capacity is being built at the village level, the intermediary levels, in particular the districts, will play important roles as facilitators. Continued efforts should be made to identify routines and procedures that will make them efficient in this task. This process will involve the transfer of some of the Zonal Office's implementation-oriented tasks to the district level.

2.2 Implementation in 1990/91

Performance

The Zonal HESAWA Co-ordination Office presented "Brief on Hesawa Programme Implementation; Performance during 1990/91". The Review, which is enclosed in Chapter 5, indicates that physical output within the Programme had improved considerably in 1990/91 as compared to 1989/90. This positive trend was noted with great satisfaction.

A Budget Follow-up for 1990/91 will be found in Appendix 5.

Impact Assessment and Reporting

Steps should be taken to facilitate the follow-up of implementation. Such steps should include the elaboration of base-line studies (regarding water and health) before intervention in a new village. The availability of base-line studies will make it possible to measure the impact of the Programme. Impact should be measured a few years after the completion of activities in a village.

In addition to what is stated about reporting in Section 6.1 of the Agreed Minutes, it could be noted that reports should not only centre on physical implementation, but also deal with other aspects that are important to sustainability. Examples of such aspects are the systems that the villages have set up for the operation and maintenance of the facilities. Cost recovery aspects are important in this respect.

As was stated in the 1990 Supplementary Comments, it is of great importance that cost implications of various activities, not only water, are brought to the attention of the villagers prior to intervention.

Cost Awareness

Cost recovery aspects are closely linked to cost awareness: as long as cost awareness is poorly developed, it will be difficult to introduce appropriate cost recovery systems. The Programme Management reported that much still needs to be done to increase cost awareness, both at the Programme and at the village level. For this reason the Programme Management undertook (i) to work out procedures for cost analysis of all activities, and (ii) to develop methods of dispersing knowledge on cost aspects, e.g. through course files and other training activities. As a first step, the costs of material would be identified, but the ultimate intention would be to identify all costs relating to a certain activity.

Phasing in/Phasing out

Strategies for phasing in/phasing out need to be continuously developed, and efforts to ensure that phasing in /phasing out policies are followed need to be strengthened.

The status reports mentioned under Operation and Maintenance in Section 5.6 of the Agreed Minutes, could play an important role in refining the strategies for phasing in/phasing out. The reports are intended to be of two types, relating to villages and major water schemes, respectively.

To a large extent these reports should concentrate on managerial and organizational aspects, such as the level and quality of organization within the village or scheme, the existence of cost recovery systems as well as the existence of systems for the supply of spareparts and other inputs. The reports could become an important management tool in that they would provide systematic data as to the organizational and managerial status within the village or water scheme.

Other Actors

It was noted that other actors, such as the UNICEF, will start activities in additional Hesawa areas (with SIDA support). The Programme Management will initiate contacts to achieve efficient coordination between these actors and Hesawa.

2.3 Organization and Management

The positive development of the Zonal Hesawa Co-ordination Office was noted with satisfaction.

The improved capacity of the Office was evident from the increased number of specialized reports on key Hesawa subjects, such as training and health/sanitation.

It was also noticeable that planning procedures, as well as financial accounting and reporting procedures, had been improved. However, additional improvements as per Section 6.1 of the Agreed Minutes are required.

It was noted with satisfaction that an internal auditor had been recruited.

The Programme Management may need additional resources to implement changes in management routines. SIDA remains positive to allocating funds from the planning reserve for such purposes.

3. GENDER ISSUES

Women play a key role in the Hesawa Programme, but there is a need to further develop systems for their constructive participation in Programme activities. It is of great importance that the study on women's overall involvement, originally planned for 1990/91, be carried out during 1991/92.

A Plan of Action for Women Oriented Development Assistance will be found in Appendix 6.

4. PROGRAMME ACTIVITIES

4.1 Human Resources Development

The efforts to streamline Human Resources Development activities (as per Section 5.1 of the Agreed Minutes) were noted with satisfaction.

In accordance with the Hesawa principles, village level training should be given the highest priority in all training activities.

4.2 Health Education and Environmental Sanitation

In addition to what is stated in Sections 5.3 and 5.4 of the Agreed Minutes, it was noted with satisfaction that considerable work had been done to develop Hesawa's approach to health education and environmental sanitation.

4.3 Promotion/Community Participation

Experience had shown that information meetings with local leaders and officials are important to increase their commitment to Hesawa activities.

It was noted that the village selection process may need to be refined: villages with a proven commitment to Hesawa principles should be given priority when selecting new villages.

4.4 Water Supply

Certain major water schemes appear difficult to combine with the Hesawa principles of village planning and implementation. This is so in particular as regards the trunk routes. For this reason, the phasing-out plan regarding support to the trunk routes is a priority matter.

5. OTHER MATTERS

The Programme will be evaluated in the first half of 1992. The results of the evaluation are expected to be available at the time of the 1992 Joint Review. It appears important that this aspect be considered in the planning of the Review programme, so that sufficient time is allowed for discussions on the findings of the evaluation team.

Chapter IV:

SUMMARY OF AGREED EVENTS

S I D A
Infrastructure Division

1991 12 03

SUMMARY OF AGREED EVENTS AND DEADLINES - AGREED MINUTES 1991

<u>Date</u>	<u>Activity</u>	<u>Action by</u>
Dec 15, 1991	SIDA to present its views on the design of the evaluation	SIDA
Dec 20, 1991	Comments to the HESAWA Course file on Gender	SIDA
Jan 15, 1992	Comments on Draft Proposals of Systematic Training Strategies	SIDA
Jan 15, 1992	Comments on the Draft Policy Guideline on VHW Programme	SIDA
Jan 15, 1992	Comments on the School Health and Sanitation Package	SIDA
Febr 1, 1992	Provide a list of updated targets for the water schemes in relation to the Plan of Action	Programme Management
Febr 1, 1992	Report on preparations for the phasing out of Mwanza Municipality	RHC, Mwanza
Febr 29, 1992	Final Policy Paper on the VHW Programme	Programme Management
Febr 29, 1992	Status reports on systematic mapping of all existing water installations	Regions
Febr 29, 1992	Status report on presently ongoing schemes	Programme Management
Febr 29, 1992	Presentation of the results of the assessment of the request regarding drilling activities	SIDA
Febr 29, 1992	Proposal on improvement of the reporting system	Programme Management

Febr 29, 1992	Reactions to presently available audit reports shall be submitted to SIDA	Programme Management
March, 1992	Budget Reveiw	Programme Management
BR 1992	Proposal on changing of the system of disbursement of converted D-funds	Committee MCDWC
End Mar, 1992	Transport study completed	SIDA
Oct 13, 1992	Improved administrative and financial systems	Programme Management
Oct 13, 1992	Phasing-out plan regarding support to the Trunk Routes	Programme Management
AR 1992	Strategy to strengthen the Gender Issues within the Programme	Programme Management
AR 1992	Elaboration of a new scope for the SGP	Programme Management
AR 1992	Presentation of a report on revolving funds	Programme Management
AR 1992	Report on phasing in/phasing out progress	Programme Management
AR 1992	Progress reports on: <ul style="list-style-type: none"> - strengthening the cost recovery and operation and maintenance aspects of promotion - investigate practical alternatives for a continuous and reliable supply of hand pumps and spare parts - initiate a programme to establish standard design for the most common types of water facilities - study and possibly re-define the grace period concept 	Programme Management
AR 1992	Evaluation of experiences of electrified and solar schemes	Programme Management

AR 1992 Reporting system on clear- Programme
ly defining the status of Management
water activities

Abbreviations:

AR = Annual Review

BR = Budget Review

Chapter V:

BRIEF ON PROGRAMME IMPLEMENTATION

BRIEF ON HESAWA PROGRAMME IMPLEMENTATION
PERFORMANCE DURING 1990/91

Implementation Trends - 1990/91 as compared to 1989/90

In the Annual Review Report (ARR) of 1990, it was observed that the physical output within the Programme had decreased in 1989/90 as compared to 1988/89. This negative trend was noted with concern and the Programme Management was requested to pay particular attention to improved performance in 1990/91 (ARR II:2 & III:2).

The tables below give a summary overview of Programme performance, regions and zonal total, in 1989/90 and 1990/91.

Table 1. Percentage of Actual Implementation in Relation to Planned Targets - 1989/90 and 1990/91

	KAGERA		MWANZA		MARA		TOTAL	
	89/ 90	90/ 91	89/ 90	90/ 91	89/ 90	90/ 91	89/ 90	90/ 91
	%	%	%	%	%	%	%	%
S/Ws	65	78	49	101	46	83	53	90
ITWSSs	77	74	12	91	31	91	36	86
W/Ss	27	36	0	67	0	50	13	44
I RWH	200	-	0	38	-	0	33	30
HH RWH	80	62	-	15	-	22	80	34
I LAT	-	21	3	27	46	91	10	55
HH LAT	25	33	7	17	6	17	10	21
W SLABS	25	3	11	0	0	0	13	1
VHWS	81	102	100	98	67	63	81	86

(S/Ws = Shallow Wells, ITWSSs = Improved Traditional Water Sources, W/Ss = Piped Water Supplies, I RWH = Institutional Rain Water Harvesting, HH RWH = Household Rain Water Harvesting, I LAT = Institutional Latrines, HH LAT = Household Latrines, W Slabs = Washing Slabs, VHWS = Village Health Workers)

The figures in Table 1 indicate a general improvement of Programme accomplishment in terms of rate of implementation in relation to planned targets during 1990/91 as compared to 1989/90. This is particularly so with regard to construction of shallow wells and improved traditional water sources. Here the rate of accomplishment rose from 53 % and 36 % in 1989/90 to 90

% and 86 % in 1990/91 for shallow wells and improved traditional water sources respectively. This trend becomes even more evident when physical output is considered in absolute terms (Table 2).

Table 2. Output in Numbers - 1989/90 and 1990/91

	KAGERA		MWANZA		MARA		ZONE	
	89/ 90	90/ 91	89/ 90	90/ 91	89/ 90	90/ 91	89/ 90	90/ 91
	No.	No.	No.	No.	No.	No.	No.	No.
N S/Ws	58	62	85	141	35	53	178	256
R S/Ws	-	-	44	64	0	3	44	67
ITWS	54	62	13	61	17	60	84	183
W/Ss	3	4	0	2	0	1	3	7
I RWH	2	0	0	3	-	0	2	3
HH RWH	16	8	-	2	-	2	16	12
W Jars	6	102	-	-	-	24	6	126
I LAT	-	3	2	7	6	30	8	40
HH LAT	112	124	114	116	25	76	251	316
W Slabs	10	5	22	1	0	0	32	6
VHWS	34	51	46	39	41	34	121	124

(N S/Ws = New Shallow Wells, R S/Ws = Rehabilitated Shallow Wells, ITWSs = Improved Traditional Water Sources, W/Ss = Piped Water Supplies, I RWH = Institutional Rain Water Harvesting, HH RWH = Household Rain Water Harvesting, W Jars = Water Jars, I LAT = Institutional Latrines, HH LAT = Household Latrines, W Slabs = Washing Slabs, VHWS = Village Health Workers)

While the number of shallow wells and improved traditional water sources completed in 1989/90 numbered 178 and 84 respectively, the output increased to 256 shallow wells and 183 improved traditional water sources in 1990/91. The accumulated backlog (see attached tables), however, is a matter of great concern to the Programme Management, since each planned and approved well is a promise given to the villagers. Therefore, high priority should be given to the completion of carry-overs.

Also the accomplishment of other activities shows a comparatively positive trend, except in the case of washing slabs where implementation has been extremely low. Although the general trend for 1990/91 is positive in comparison with that of 1989/90, the implementation of many activities is still unsatisfactorily below planned targets. Water schemes is one

such activity. The figures on this activity must, however, be read with caution since they are based only on the number of fully completed schemes and do not account for the schemes which currently are in their final stages of completion. Thus achievements have been reported which will result in completed activities during the current financial year. The low figures for Rain Water Harvesting is partly due to the fact that this technology is new to the Programme and thus an activity which is still in the process of consolidation.

In the field of environmental sanitation, construction of latrines constitutes the main physical activity. The progress within this field has since the inception of the Programme been slow. In the figures for 1990/91 an improvement can be noted. Still there is a need to pay special attention to this field for an improved performance. The Programme Management is currently reconsidering the sanitation policy and the approaches to latrinisation.

Construction of washing slabs was introduced into the Programme as a means to alleviate the workload of the women and for hygienic reasons. However, the village response to this activity has due to various causes not been as expected by the planners. Recently some districts have started to construct washing slabs for demonstration purposes and there are reports on a growing interest for this kind of facility in these areas.

To realize the Programme objectives and ensure sustainability HRD is the key activity. Generally, training and HRD activities in the districts and regions have shown a high implementation rate. In the tables above Village Health Workers training exemplifies this tendency. This being an achievement, a matter of most immediate concern to the Programme is to ascertain the quality aspects of the training. The recent strengthening of the Training Unit at the Zonal Coordination Office for support to the regions and districts is a measure to ensure this objective.

Utilization of Funds

The positive trend of physical implementation in 1990/91 is reflected in the figures for utilization of allocated funds for the same year (Table 3). Out of a total regional allocation of SEK 20,292,000 in 1989/90, SEK 15,055,000 (74%) were

Table 3. Utilization of Funds in 1989/90 and 1990/91 - Funds Actually Utilized and Percentage of Allocated Funds Utilized

REGIONS	1989/90		1990/91	
	D-FUNDS UTIL.	% UTIL	FUNDS UTIL.	% UTIL.
KAGERA	5250	71	5376	88
MWANZA	5948	74	5115	88
MARA	3857	80	4021	91
REG. TOTAL	15055	74	14512	89

utilized. The comparative figures for 1990/91 are SEK 16,348,000 and 14,512,000 (89%) respectively. These figures, corroborated by the physical output, indicate a more efficient utilization of allocated funds in 1990/91 as compared to 1989/90. (For more detail on financial matters, see Report on Financial Issues, 1991.)

Conclusion

The overall performance in 1990/91 is promising. The annual progress reports of the regions and districts give evidence that the negative trend noted by the Review Mission of 1990 has been arrested and reversed into a positive trend. It is of utmost importance for all involved in the Programme to consolidate this trend.

SUMMARY OF ANNUAL PROGRESS REPORTS
- MEASURABLE ACCOMPLISHMENT

1. NEW SHALLOW WELLS:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	36	28	30	24	14
Bukoba R	40	24	30	27	19
Karagwe	10	6	5	2	7
Muleba	3	0	4	5	2
Ngara	0	0	10	4	6
Total	89	58	79	62	48
Reg. accomplishment					
1989/90	65%				
1990/91	78%				
<u>Mwanza</u>					
Mwanza M	20	7	10	16	7
Magu	50	25	52	41	36
Kwimba	76	43	50	58	25
Geita	14	6	10	3	15
Sengerema	0	0	8	8	0
Ukerewe	14	4	10	15	5
Total	174	85	140	141	88
Reg. accomplishment					
1989/90	49%				
1990/91	101%				
<u>Mara</u>					
Bunda	42	25	30	29	18
Musoma R	34	10	22	12	34
Serengeti	0	0	12	12	0
Tarime	0	0	0	0	0
Total	76	35	64	53	52
Reg. accomplishment					
1989/90	46%				
1990/91	83%				
Grand Total	339	178	283	256	188
Zonal accomplishment					
1989/90	53%				
1990/91	90%				

2. REHABILITATED SALLOW WELLS:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	0	0	0
Bukoba R	0	0	0	0	0
Karagwe	0	0	0	0	0
Muleba	0	0	0	0	0
Ngara	0	0	0	0	0
Total	0	0	0	0	0
Reg. accomplishment					
1989/90	0%				
1990/91	0%				
<u>Mwanza</u>					
Mwanza M	10	8	30	30	2
Magu	25	18	25	1	31
Kwimba	20	18	20	20	2
Geita	0	0	8	8	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	7	5	2
Total	55	44	90	64	37
Reg. accomplishment					
1989/90	80%				
1990/91	71%				
<u>Mara</u>					
Bunda	2	0	1	3	0
Musoma R	0	0	0	0	0
Serengeti	0	0	0	0	0
Tarime	0	0	0	0	0
Total	2	0	1	3	0
Reg. accomplishment					
1989/90	0%				
1990/91	0%				
Grand Total	57	44	91	67	37
Zonal accomplishment					
1989/90	77%				
1990/91	74%				

3. IMPROVED TRADITIONAL
WATER SOURCES:

		Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>						
	89/90	18	40	36	40	33
Bukoba R			20	14	25	16
Karagwe			5	2	6	4
Muleba			5	2	8	7
Ngara			0	0	5	2
Total			70	54	84	62
Reg. accomplishment						
1989/90			77%			
1990/91			74%			
<u>Mwanza</u>						
Mwanza M			40	0	20	14
Magu			40	5	30	33
Kwimba			20	0	10	5
Geita			0	0	0	0
Sengerema			0	0	0	0
Ukerewe			10	8	7	9
Total			110	13	67	61
Reg. accomplishment						
1989/90			12%			
1990/91			91%			
<u>Mara</u>						
Bunda			21	12	20	21
Musoma R			24	5	21	20
Serengeti			0	0	10	18
Tarime			9	0	10	1
Total			54	17	61	60
(N.B. SGP ITWSs included)						
Regional accomplishment						
1989/90			31%			
1990/91			98%			
Grand Total			234	84	212	183
Zonal accomplishment						
1989/90			36%			
1990/91			86%			

4. NEW WATER SCHEMES:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	2	1	1	1	1
Bukoba R	1	0	2	0	3
Karagwe	2	1	1	0	2
Muleba	1	0	1	1	1
Ngara	1	0	1	0	2
Total	7	2	6	2	9
Reg. accomplishment					
1989/90	29%				
1990/91	33%				
<u>Mwanza</u>					
Mwanza M	0	0	0	0	0
Magu	0	0	0	0	0
Kwimba	0	0	0	0	0
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	0	0	0
Total	0	0	0	0	0
Reg. accomplishment					
1989/90	0%				
1990/91	0%				
<u>Mara</u>					
Bunda	0	0	1	0	1
Musoma R	1	0	0	0	1
Serengeti	0	0	0	1	1
Tarime	1	0	1	0	2
Total	2	0	2	1	5
Reg. accomplishment					
1989/90	0%				
1990/91	50%				
Grand Total	9	2	8	3	14
Zonal accomplishment					
1989/90	22%				
1990/91	38%				

5. REHABILITATED WATER SCHEMES:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	1	0	0	0
Bukoba R	1	0	1	1	1
Karagwe	1	0	2	1	2
Muleba	1	0	1	0	2
Ngara	1	0	1	0	2
Total	4	1	5	2	7
Reg. accomplishment					
1989/90	25%				
1990/91	40%				
<u>Mwanza</u>					
Mwanza M	3	0	2	1	4
Magu	1	0	0	0	1
Kwimba	1	0	1	1	1
Geita	0	0	0	0	0
Sengerema	1	0	0	0	1
Ukerewe	0	0	0	0	0
Total	6	0	3	2	7
Reg. accomplishment					
1989/90	0%				
1990/91	67%				
<u>Mara</u>					
Bunda	0	0	0	0	0
Musoma R	2	0	0	0	2
Serengeti	1	0	0	1	0
Tarime	2	0	0	0	2
Total	5	0	0	1	4
Reg. accomplishment					
1989/90	0%				
1990/91	-				
Grand Total	15	1	8	5	18
Zonal accomplishment					
1989/90	7%				
1990/91	63%				

6. INSTITUTIONAL RAIN WATER HARVESTING

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	0	0	0
Bukoba R	0	0	0	0	0
Karagwe	1	2	0	0	0
Muleba	0	0	0	0	0
Ngara	0	0	0	0	0
Total	1	2	0	0	0
Reg. accomplishment					
1989/90		200%			
1990/91		0%			
<u>Mwanza</u>					
Mwanza M	1	0	1	1	1
Magu	1	0	4	1	4
Kwimba	0	0	3	1	2
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	0	0	0
Total	2	0	8	3	7
Reg. accomplishment					
1989/90		0%			
1990/91		38%			
<u>Mara</u>					
Bunda	0	0	2	0	2
Musoma R	0	0	0	0	0
Serengeti	0	0	0	0	0
Tarime	0	0	0	0	0
Total	0	0	2	0	2
(
Reg. accomplishment					
1989/90		0%			
1990/91		0%			
Grand Total	3	2	10	5	9
Zonal accomplishment					
1989/90		67%			
1990/91		50%			

7. HOUSEHOLD RAIN
WATER TANKS

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	3	1	2
Bukoba R	0	0	5	2	3
Karagwe	20	16	5	5	4
Muleba	0	0	0	0	0
Ngara	0	0	0	0	0
Total	20	16	13	8	9
Reg. accomplishment					
1989/90	80%				
1990/91	62%				
<u>Mwanza</u>					
Mwanza M	0	0	5	1	4
Magu	0	0	8	1	7
Kwimba	0	0	0	0	0
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	0	0	0
Total	0	0	13	2	11
Reg. accomplishment					
1989/90	0%				
1990/91	15%				
<u>Mara</u>					
Bunda	0	0	4	1	3
Musoma R	0	0	3	0	3
Serengeti	0	0	1	1	0
Tarime	0	0	1	1	0
Total	0	0	9	2	6
(N.B. Impl. as Inst. proj.)					
Reg. accomplishment					
1989/90	0%				
1990/91	22%				
Grand Total	20	16	35	12	26
Zonal accomplishment					
1989/90	80%				
1990/91	34%				

8. JAR CASTING

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	0	0	0
Bukoba R	0	0	0	0	0
Karagwe	0	6	20	102	0
Muleba	0	0	0	0	0
Ngara	0	0	0	0	0
Total	0	6	20	102	0
<u>Mara</u>					
Bunda	0	0	0	24	0
Musoma R	0	0	0	0	0
Serengeti	0	0	0	0	0
Tarime	0	0	0	0	0
Total	0	0	0	24	0

9. INSTITUTIONAL LATRINES:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	5	2	3
Bukoba R	0	0	0	0	0
Karagwe	0	0	4	1	3
Muleba	0	0	2	0	2
Ngara	0	0	3	0	3
Total	0	0	14	3	11
Reg. accomplishment					
1989/90		0%			
1990/91		21%			
<u>Mwanza</u>					
Mwanza M	10	0	6	1	15
Magu	35	2	10	0	43
Kwimba	20	0	6	6	20
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	2	0	4	0	6
Total	67	2	26	7	84
Reg. accomplishment					
1989/90		3%			
1990/91		27%			
<u>Mara</u>					
Bunda	10	6	10	17	0
Musoma R	3	0	10	7	6
Serengeti	0	0	3	1	2
Tarime	0	0	10	5	5
Total	13	6	33	30	13
Reg. accomplishment					
1989/90		46%			
1990/91		91%			
Grand Total	80	8	59	37	97
Zonal accomplishment					
1989/90		10%			
1990/91		63%			

10. HOUSEHOLD LATRINES:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	100	72	90	26	92
Bukoba R	250	40	40	38	212
Karagwe	0	0	150	30	120
Muleba	0	0	100	30	70
Ngara	100	0	0	0	0
Total	450	112	380	124	494
Reg. accomplishment					
1989/90	25%				
1990/91	33%				
<u>Mwanza</u>					
Mwanza M	400	64	250	0	586
Magu	750	0	250	14	986
Kwimba	500	50	200	102	548
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	0	0	0
Total	1,650	114	700	116	2,120
Reg. accomplishment					
1989/90	7%				
1990/91	17%				
<u>Mara</u>					
Bunda	200	0	150	64	286
Musoma R	200	0	100	6	294
Serengeti	0	0	100	0	100
Tarime	50	25	100	6	119
Total	450	25	450	76	799
Reg. accomplishment					
1989/90	6%				
1990/91	17%				
Grand Total	2,550	251	1,530	316	3,413
Zonal accomplishment					
1989/90	10%				
1990/91	21%				

11. WASHING SLABS:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	60	0	60
Bukoba R	40	10	60	1	89
Karagwe	0	0	7	0	7
Muleba	0	0	8	2	6
Ngara	0	0	10	2	0
Total	40	10	145	5	162
Reg. accomplishment					
1989/90	25%				
1990/91	3%				
<u>Mwanza</u>					
Mwanza M	20	4	70	0	86
Magu	106	16	82	0	172
Kwimba	96	2	60	0	154
Geita	0	0	0	0	0
Sengerema	0	0	8	0	8
Ukerewe	0	0	20	1	19
Total	222	22	240	1	439
Reg. accomplishment					
1989/90	10%				
1990/91	0%				
<u>Mara</u>					
Bunda	0	0	20	0	20
Musoma R	0	0	21	0	21
Serengeti	0	0	10	0	10
Tarime	0	0	10	0	10
Total	0	0	61	0	61
Reg. accomplishment					
1989/90	0%				
1990/91	0%				
Grand Total	262	32	446	6	662
Zonal accomplishment					
1989/90	12%				
1990/91	1%				

12. VHWS TRAINED (NEW):

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91	Backlog 1989/91
<u>Kagera</u>					
Biharamulo	0	0	0	0	0
Bukoba R	42	34	20	19	9
Karagwe	0	0	14	16	0
Muleba	0	0	16	16	0
Ngara	0	0	0	0	0
Total	42	34	50	51	9
Reg. accomplishment					
1989/90	81%				
1990/91	102%				
<u>Mwanza</u>					
Mwanza M	6	6	0	0	0
Magu	20	20	20	20	0
Kwimba	20	20	20	19	1
Geita	0	0	0	0	0
Sengerema	0	0	0	0	0
Ukerewe	0	0	0	0	0
Total	46	46	40	39	1
Reg. accomplishment					
1989/90	100%				
1990/91	98%				
<u>Mara</u>					
Bunda	23	23	20	0	20
Musoma R	20	0	26	26	20
Serengeti	0	0	8	8	0
Tarime	18	18	0	0	0
Total	61	41	54	34	40
Reg. accomplishment					
1989/90	67%				
1990/91	63%				
Grand Total	149	121	144	124	50
Zonal accomplishment					
1989/90	81%				
1990/91	86%				

13. WELLS AND DOMESTIC POINTS
CARETAKERS:

	Planned 1989/90	Actual 1989/90	Planned 1990/91	Actual 1990/91
<u>Kagera</u>				
Biharamulo	50	50	40	40
Bukoba R	80	80	340	340
Karagwe	0	0	0	0
Muleba	0	0	80	77
Ngara	0	0	136	64
Total	130	130	596	521
Reg. accomplishment				
1989/90	100%			
1990/91	87%			
<u>Mwanza</u>				
Mwanza M	70	84	50	0
Magu	20	19	20	20
Kwimba	120	120	100	100
Geita	4	4	50	0
Sengerema	0	0	20	16
Ukerewe	14	14	28	21
Total	228	241	268	157
Reg. accomplishment				
1989/90	106%			
1990/91	59%			
<u>Mara</u>				
Bunda	15	15	30	21
Musoma R	10	0	30	26
Serengeti	0	0	0	0
Tarime	0	0	0	0
(Region	0	0	10	10
Total	25	15	60	47
Reg. accomplishment				
1989/90	60%			
1990/91	78%			
Grand Total	383	386	924	725
Zonal accomplishment				
1989/90	101%			
1990/91	78%			

14. VILLAGE FUNDIS TRAINING:
(No. of Course Participants):

	Planned 1990/91	Actual 1990/91	Planned 1990/91	Actual 1990/91
<u>Kagera</u>				
Biharamulo	90	90	100	28
Bukoba R	25	14	28	27
Karagwe	0	0	11	8
Muleba	0	0	31	15
Ngara	0	0	38	0
Total	115	104	208	78
Reg. accomplishment				
1989/90	90%			
1990/91	38%			
<u>Mwanza</u>				
Mwanza M	35	35	112	102
Magu	20	20	84	84
Kwimba	100	100	80	40
Geita	0	0	0	0
Sengerema	0	0	0	0
Ukerewe	14	14	0	0
Total	169	169	276	226
Reg. accomplishment				
1989/90	100%			
1990/91	82%			
<u>Mara</u>				
Bunda	0	0	36	36
Musoma R	10	0	6	6
Serengeti	0	0	0	2
Tarime	0	0	0	0
(Region	20	20	14	15)
Total	30	20	70	59
Reg. accomplishment				
1989/90	40%			
1990/91	84%			
Grand Total	334	293	554	363
Zonal accomplishment				
1989/90	88%			
1990/91	66%			

15. STUDY GROUPS
1990/91:

	Old SGPs 1990/91	New SGPs Planned 1990/91	New SGPs Actual 1990/91	Total No of SGPs
<u>Kagera</u>				
Biharamulo	45	45	45	90
Bukoba R	57	57	57	114
Karagwe	0	0	0	0
Muleba	10	10	10	20
Ngara	0	0	0	0
Total	112	112	112	224
<u>Mwanza</u>				
Mwanza M	74	75	75	149
Magu	46	46	46	92
Kwimba	0	40	43	43
Geita	0	0	0	0
Sengerema	0	0	0	0
Ukerewe	0	0	0	0
Total	120	161	164	284
<u>Mara</u>				
Bunda	44	44	44	88
Musoma R	10	25	25	35
Serengeti	11	25	25	36
Tarime	0	0	0	0
Total	65	94	94	159
Grand Total	297	367	370	667

Chapter VI:

SUMMARY OF COMPLETED AND ON-GOING

HESAWA ACTIVITIES

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
CHATO	Chato	9660	18		1*	7			1			13	5				3	
	Itare	1875										38	2					
	Bwina	3001					2					45	2				2	6
	Nyang homango	1135											2					
ILEMERA	Rubambangwe	3018	1						1				2			5		
	Ilemera	2892							1	4			2			4		
	Kanyama	2496							1				1			6		
	Nyambogo (Ilemera)												2					
ICHWANKIMA	Ichwankima	1461	2				5						2			7	2	
	Kachwamba	3891	2				20						2			31	2	
	Mwangaza	3068	2				15					29	2			19	1	9
	Igarula	1927	4				7						2			11	2	

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

*) SOLAR

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT- RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
ICHWANKIMA (ctd)	Kasenga	4580	3		1*	16	1					15	2			18	2	6
NYAMIREMBE	Busalala	1496	2										1				2	
	Nyambiti	3005											2			1		3
	Nyamirembe	3392											1					
	Kalebezo	3599	4										2					
B MULO TOWN	B Mulo Town	5918	3		1*	7		1										
	Nyakatunto	1923					1											
RUNAZI	Runazi	2171	3				7						1*			5		5
	Kabindi (Rukora)	3194	4				6						2*			5	2	4
	Kikomakoma	5882	1				8						2*			4	1	10
	Kagondo	3964					3						2*			10		
	Isambara (Kikomakoma)						1											

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

*Gravity

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
RUNAZI (ctd)	Nyabusozi	4324					6						2*			22		11
	Nyantimba	1780					1						2*					
BWANGA	Buziku	5750	17				3						1			10	2	6
	Bwanga	5592	10				2						2			8		4
	Igando	1614	4				1						2				2	5
	Bwera	3120	6										2			6	2	3
	Ihanga	5620	10				2						2			22	1	8
	Bukiriguru	1919											2					
	Busaka	1946											2					
	Makurugusi	987											2					
	Kalembela	2507											2					
	Musasa	1447											2					

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

*) Gravity

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BWANGA (ctd)	Kasala	1610											2					
BUKOME	Buzirayombo	2938	3										2			14		7
	Bukome	1399											2			6		3
	Nyabilezi	1299											2					
	Kasozibakaya	2699											2					
	Makungo	1012											2					
	Nyakato	2412											2					
NYARUBUNGO	Katoke	2109						1					2*					
KAGONGO	Kibehe	2814	3				4			8			2			3		
	Nyisanzi	2705	1										2			3		
	Kikumaitare	3241	2										2					
	Butarama	2931	2										2			3		

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

*) Trained under UNICEF

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KAGONGO (ctd)	Bukamila	2067											2			3		
MUGANZA	Katemwa	3641	2										2			3		
	Nyabugera	2875											2			3		
	Bupandwampuli	2349											2					
	Katete	2253											2					
	Buongera	2033											2					
	Rutunguru	2944											2					
KATENDE	Katende	2425											2					
	Chabulongo	1053											2					
	Nyamigogo	4284											2					
	Ilyamchele	3221											2					
BUSERESE	Buseresere	4284											2					

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: KAGERA

DISTRICT: BIHARAMULO

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BUSEREGESE	Butengo (Rumasa)	4309											1					
	Muranda	2072											2					
	Minkoto	1742											2					
KALENGE	Nyamigere	2875		1														
	Ruganzu	1838		2														
	Kasato	1964		1														
TOTAL:		185522	109	4		30	95	1	4	12		140	117*			232	26	90

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

*) Out of which 13 under UNICEF

REGION: KAGERA

DISTRICT: BUKOBA RURAL

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
IZIMBYA	Izimbya	4352	16				1					15	2		32			22
	Kyaitoke	5292	13				6		1			8	4		28			21
	Ruhunga	2487	5				4					3	2		10			8
	Mugajwaile	4045	9				2						2		18			
	Kobunshwi	3499	5										2		10			9
	Rugaze	3099	8				3					4	2		16			11
	Butulage	3346	10				3					3	2		20			7
	Omubweya	1150	1				2						2		2			2
	Kihumulo	3753	1										2		2			5
BUTELANKUZI	Ilango	1844			1	10							2					1
	Mishenye	2303			1	19						52	2					6
	Nyakabanga	1910			1	11	1					10	2		24			5

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: KAGERA

DISTRICT: BUKOBA RURAL

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BUTELANKUZI (ctd)	Nyabushozi	1462				10						5	2		20			4
RUBALE	Rubale	2856	1		1	13	4						2		32			
	Nyakabulala	1510											2					
	Kikomelo	1689											2					
	Butakya	1879											2					
	Rukoma	1966											2					
	Nsheshe	2698		6									2		12			
	Kamuli	3320											2					
	Bituntu	2927											2					
	Kabilizi	2815	1				4						2		6			6
	Migara	1656					6						2					7
IBWERA	Itongo	2070				10							1					

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REGION: KAGERA

DISTRICT: BUKOBA RURAL

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REFL	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KASAMBYA	Kassambya	2019			1	7							2		16			
	Mabuye	2066	2										2		2			
	Kakindo	2917	11												20			
	Gabulanga	2189											2					
	Nyabihanga	2638																
	Runazi	4303		1		4								2		10		
KYAKA	Kyaka	4039		1														
KAIBANJA	Kaibanja	3382	9										2		16			
	Kazinga	2563	5										2		4			
	Kijongo	2923											2					
	Nyakigando	2042	5										2		10			
KATORO	Mustra	2423											2					

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: KAGERA

DISTRICT: BUKOBA RURAL

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KATORO (ctd)	Ngarama	3321											2					
	Katoro	3383											2					
	Ruhoko	1859											2					
	Kyamulaile	3603											2					
	Mushule	3093											2					
	Omukiisi	1323											2					
KANYIGO	Kigarama	3700			1	12	2					12	3		24			
	Rweyunge	1946											2					
	Bugombe	2187				2	2					15	2		4			
	Kikukwe	2660										3	2					
	Bukwali	1800				12							2		24			
	Kashenye	1617				15							2		30			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: KAGERA

DISTRICT: BUKOBA RURAL

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KARABAGAINÉ	Kangabusharo	1651																
BWANJAI	Buhangarati	1272					4											
BUJUGO	Bujugo						2											
NYAKATO	Igombe	3018										2						
DISTRIKT H/Q	Ibura						1	1										
TOTAL:		134465	102	9	5	125	47	1	1			130	94		392			114

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: KAGERA

DISTRICT: KARAGWE

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KAISHO	Kaisho	2610			1	11												
	Katera	2682			1	7												
	Kihanga	2203			1	10												
	Karukwanzi	3266	2		1	10												
	Ishaka	2481	1		1	6												
	Rutunguru	3075	2		1	5												
	Nyabishenge	3474	2		1	9	2									2		
	Rwensinga	2285	2															
NKWENDA	Nkwenda	8654			1	11			41									
NYABIYONZA	Kiruruma	3959			1	13	2						1			2		
	Nyakagoyegoye	3080			1	7	2						2			2		
	Kamagambo	7068			1	7					1		2			2		

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REGION: KAGERA

DISTRICT: KARAGWE

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT- RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BUGENE	Rukole	3398						13	2	27	1	36	2					
	Nyakahanga							6		27		22	2					
	Ihanda	2806								14								
	Chonyonyo	2451						1		3			2					
NYAISHOSI	Nyakayanja	3145			1	9							2					
	Lukale	1118			1	15							2					
TOTAL:		57755	9		13	120	6	20	2	112	2	58	15			8		

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REGION:KAGERA

DISTRICT: MULEBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KASHARUNGA	Kiteme (A)	2150	1		1	5												
	Kiteme (B)	816			1													
	Nkomero	960			1	4												
	Kasharunga	3005			1	14												
MUBUNDA	Kiyebe	1320	1															
KARAMBI	Karambi (1)	1126	1															
	Karambi (2)	1300		1														
KASHASHA	Ihangiro	2113	2															
MULEBA	Magata	752					1											
KAMACHUMU	Mahororo	1940		1														
MULEBA	Muleba Town	4700				251*												
BULYAKASHAJU	Nyakahama	2125			1	10	2					8	2			1		8

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*) Private connections

REGION: KAGERA

DISTRICT: MULEBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BULYAKASHAJU	Rugando	2800			1	13	3					18	2			1		7
	Kizinga	1800			1	4	1					4	2			1		5
KIBANGA	Kibanga	1041											2					
	Bumiro	702											2					
IKONDO	Ikondo	1220											2					
	Kamishango	1136											2					
TOTAL:		31006	5	2	7	301*	7					30	14		77*	3		20

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*) 251 Private connections

*) Annual report 90/91

REGION: KAGERA

DISTRICT: NGARA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KIRUSHYA	Chivu	2316			1	18	2						2		36		1	
NYAMIGA	Ntobeye	2295			1	12							2		28			
MURUSAGAMBA	Murusagamba	1891	4													2		
KIBIMBA	Ruganzo	2199											2					
	Kumtana	1515											2					
KANAZI	Mayenzi	1652			1	22							2		44			
	Katerere	1566											2					
	Mukibogoye	1932											2					
TOTAL:		15366	4		3	52	2						14		108	2	1	

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NGUDU	Kakora	6665	9				1					25	2			7	2	4
	Welamasonga	3046	9	1			2					6	2		16	8	2	4
	Ngudulugulu	1632	5	1								9	1		14	8	2	4
	Ilumba	1713	6										2		2	8	2	4
	Kilyaboya	1782	6									1	2		14	7	2	4
LYOMA	Nkungulu	2491	7	1									2		16	8	2	4
	Lyoma	2703	5	1			2					3	2		14	8	2	4
	Busula	1522	4									3	2		10	8	2	4
	Kimiza	1185	3									3	2			8	2	4
IGONGWA	Manguruma	2139	3	1			2					6	2	5		4		
	Mwadubi	2946	8									3	2	5		4		
	Malemve	1894	4				1				1	5	2	5		4		

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MWANGHALANGA	Mahiga	2059	1										2			4		
	Mwanghalanga	1239	4				2									8	2	4
	Shigumhulo	1874	3								20		2	5		4		
	Mwabagole	1765	1															
NYAMBITI	Solwe	1195	2															
	Nyambiti	2093	1	1														
	Kinoja	1076	2	1														
	Ibindo talo Sch.		4	1														
	Mwankuba	1159	2															
MWAGI	Mwamajira	1179	4	1											10			
	Kishili	2063	2	3											12			
	Nkalalo	1584	4	2														

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MWAGI	Mwabilanda	1832	2	1														
	Ligembe	1700	1															
	Mwagi school		1															
	Manawa	913	1															
ISENI	Nyashona	3477		1														
	Nyamigamba	2882	2	3														
	Icheja	1060		1														
	Bugandando	2354	2	1														
MALIGISU	Kadashi	3084	6															
MALYA	Malya	4347	10	1							19	1	5		4			
	Talaga	2014	4	2							1	2	5		4			
	Kitunga	1435	4				1				1	2	2	5	4			

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MWANDU	Shushi	2121	7										2			4		
	Mwandu	1702	4															
	Isabilo	1750	2															
NYAMILAMA	Nyamilama	3353	6	2											14			
	Mwankulwa	3264		1														
MWAKILYAMBITI	Mwankilyambiti	2377	2	1														
	Mwakabilinga	1785	1	1														
HUNGUMALWA	Buyogo	2328		1														
	Hungumalwa	3112		2														
	Kibitilwa	4813		4														
NGHUNDI	Jojiro	2060	1															
	Igunghuyo	1019	1															

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NGHUNDI	Nyanhiga	2095		1														
	Gatuli	1512	2															
MANTARE	Mwanekeyi	1833	4															
	Mantare	1592	3															
NGULLA	Ngulla	4147	1															
BUNGULWA	Isunga	2105	3															
	Bungulwa	1784	3															
	Ngihundya	2793	4	2														
WALLA	Isagaru	1619	5	2											12			
	Shilanona	2710	8															
	Sumaha	2860	4	3											16			
	Dujingwa	2750	4	2											10			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
SUMVE	Nyamikoma	4173		1														
	Sumve	1258	4															
	Mwashilalage	6067	2															
	Bumyegeja	1972	2															
MWABOMBA	Ngogo	2156	3															
MISASI	Misasi	7056	9												20			
BUHINGO	Buhingo	1604		1														
KIJIMA	Mwamaguha	2158		1														
BUSONGO	Nyamayiga	3202		1														
MISUNGWI	Iteja	3140	7	1														
	Missungwi	6215	2	1														
	Lubuga	2871		1											16			

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REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MISUNGWI	Makubi	5422	10	4											22			
MWANIKO	Nguge	3306																
	Mwaniko	3708	7	1											16			
	Mondo	3278	4	1											14			
KOROMIJE	Ibongoya A			2														
	Bugomba	2490		1														
	Mwasubi		3															
	Koromije	2112		2														
KASOLOLO	Nduha	3010	4															
	Kasololo	2697	4															
	Igumo	3012	6	1											14			
MBARIKA	Mbarika	2154	1															

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: KWIMBA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KIKUBUJI	Kikubiji	3933		1											2			
IGOKELO	Mapilinga	1517		1														
MALYA	Mwitambu	1572	5				1				1		2	5		4		
TOTAL:		209699	259	67			12				4	103	36	37	269	118	20	40

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: MAGU

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
KISESA	Kisesa	6740	13				1				2		6		4	2		
	Isangijo	1742	6	1			4				2	117	5		2	4		4
	Kitumba	3068	2				9				1		2		2	4		5
	Igekemaja	1804	1				7						4		2	4		3
	Wellamasonga	2657	4	1			3						3		2	2		3
	Ihayabayaga	2342	9	2				1				8	4		4	2		6
NYANGUGE	Nyanguge	3896	8	2			1				3		4		4	2		4
	Muda	2447	5				5	1	1		3		4		2	2		9
	Matela	1768	3	2			9				1	240	3		2	4		4
BUJASHI	Ihushi	4435	18	2			3	1	2		3		4		4	4		3
	Sese	1839	10	1			2	1			1		4		2	3		4
	Matale	2733	6	2			5		1		1		4		2	3		4

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: MAGU

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
LUTALE	Lutale	2905	2								64	2		2	2			4
	Itandula	1946	6	1			2				8	4		2	3			6
	Langi	2000	5	1							8	4		2				6
	Kayenze	4398	13				1					4		4	3			4
KONGOLO	Kongolo	4078	12	1			4			2	8	7		6	2			4
	Chabula	3231	8				2	1		1	98	2		2	2			4
	Nyashigwe	1470	3				5				10	4		2				9
	Bugando	1248	4								8	4		2	2			5
TONGO SIMA	Lugeye	2878	7															
IGAKUKILO	Lunala	1104	2															
	Nyangiri	2264		1														
NGASAMO	Imalamate	2994	5															

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: MAGU

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NGASAMO	Ngasamo	2575	1															
NKUNGULU	Kayenze B	1537	2															
KABITA	Kabita	2819	2															
BADUGU	Badugu	3507	4															
	Manala	1355	1															
NAMANGA	Misambo	2696	2															
	Kisesa B	3060	3															
KAHANGARA	Kahangara	5657	1															
NYIGOGO	Nyalikungu	6481	2	1					1						4			
	Ilungu	2109	1															
MKULA	Lutubiga	2625	6															
KILOLELI	Ilumya	2659	4															

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: MAGU

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
LUBUGU	Bubinza	2868	1															
	Lubugu	942	2															
	Sajaka	3196	5															
TOTAL:		110073	189	18			63	5	5		20	569	78		58	50		91

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REGION: MWANZA

DISTRICT: MWANZA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
SANGABUYE	Kabusungu	1902	3	1			4				1	11	2	2	4	10	1	7
	Nyafula	2137	5				6				3	16	2	2	6	10	1	8
	Sangabuye	2604	4	1			11				2	13	3	2	6	10	1	20
BUGOGWA	Igombe	5316	12				6				3	11	3	2	14	10	1	5
	Igogwe	4030	8	2			7				2	7	2	2	16	10	1	20
	Nyamwilolelwa	4573	12								1	9	1	2	15	10	1	10
ILEMELA	Kiseke	2390	4	1			3						2	2	4	10	1	
	Kahama	3144	8	1			4				1	13	3	2	17	10	1	5
BUSWELU	Buswelu	3524	9	1	1	20	2				3	12	3	2	7	10	1	8
	Nyamadoke	1493	2				6				1	11	2	2	4	10	1	3
	Nyamhongolo	2354	5				8				1	10	2	2	8	10	1	5
IGOMA	Igoma		4											2				

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: MWANZA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
IGOMA	Kishili	2419	1	1	1	6	5				1	11	1	2	4	10	1	19
	Fumagila	1721	5				3				1	13	1	2	8	10	1	6
BUHONGWA	Buhongwa	3039		1			4				1	11	1	2		10	1	6
	Lwanhima	3476		2			7				2	7	2	2		10	1	7
MKOLANI	Mkolani	2819		1	1	7	2				2	11	2	2		10	1	5
	Luchehele	6156	1				8				1	12	2	2		10		16
NYAKATO	Mahina		7												6			
	Mhandu		2															
	Nyasaka		1															
BUTIMBA	Butimba Prison			1														
MKUYUNI	Mahina			2														
PANSIASI	Pansiasi			2														
	Sabasaba			2														
TOTAL:		53097	93	19	3	33	86				26	178	34	34	121	170	16	150

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: GEITA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT- RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
GEITA	Geita	26500	16												26			
BUKOLI	Nyaruguso	6150	2												6			
KAMBANGA	Kifufu	1650	4												8			
NYANGHWALE	Nyanghwale	3000	3															
BUKWIMBA	Bukwimba	2850		1														
KARUMWA	Karumwa	5800		1														
KATORO	Katoro	4350		1														
CHIGUNGA	Chigunga	3450		1														
KALANGALALA	Mkolani	3000		1														
SKABAKA	Skabaka	4050		1														
MTAKUJA	Nyamalimbe	1500		1														
NKOMA	Katoma	5550		1														
TOTAL:		67850	25	8											40			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: SENGEREMA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
SENGEREMA	Nyampulukano	5270	2												4			
	Tabaruka	2500	1												2			
	Ibisabageni	3110	2												4			
	Nyatukala	2296	2												4			
NYANCHENCHE	Isole	2184	1												2			
SENGEREMA W/S	Nyamazugo				1	35												
TOTAL:		15360	8		1	35									16			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: UKEREWE

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MUKITUNTU	Lutale	1802	2				1								4			
	Kazilankanda	1642	1				1											
	Kigala	2550	1															
NDURUMA	Mahande	2900	1				1									1		
	Halwego	3142	2				3								2	2		
	Chamuhunda	2000	1				2								1	1		
BUKINDO	Kamea	3200	1												1			
	Bulamba	2695	1															
	Nansole	1650	1												2			
NANSIO	Kagunguli	2850	1				1								2	1		
	Nansio	12100	1															
	Kagera	3290	1															

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: UKEREWE

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NANSIO	Mtoni	3312	1												1			
KABINGO	Bukongo	2231	1															
	Nkiliza	3165	1												1			
	Namagondo	3301	1															
	Malegea	2522	1															
	Kasalu	1850	1															
NGOMA	Hankoko	3984	3												4			
	Nebuye	2408	1															
MRITI	Mriti	4200	1															
MURUTUNGURU	Murutunguru	4519	1				1											
BWIRO	Chankamba	2200	2				1								1			
	Bwassa	1800	1												2			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MWANZA

DISTRICT: UKUREWE

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BWIRO	Busiri	2400					3									1		
NANSIO	Kakerege	2700					1									1		
BUKANDA	Hamuyeho	2900					2									1		
TOTAL:		83313	29				17								21	8		

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: BUNDA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
BUNDA	Bunda Town	16226	4				2											
	Bunda Stooni	2825	1															
	Nyasura	2260	1												1			
	Manyamanyama	1050	8								2		2	2	8	2		4
KUNZUGU	Balili	6130	1				4			4				1				4
KABASA	Bitaraguru	3349	3								2		2		3			4
	Kabasa	3337	9								2		2		9			4
	Kamkenga	2957	5				4				2		1		7			4
	Kangetutya	2407	4								2		2		4			4
	Kiwasi	1003	2								2		2		2			4
	Kung ombe	3271	7				2				2		2	2	9			
	CONT. KABASA	Nyasana	1356	4								3		1	4			4

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: BUNDA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
CONT. KABASA	Rwabu	1482	3				1						2		2			4
MCHARO	Changuge	1825	2								1		2		2	2		5
	Kisangwa	1904	5				2				1	4	2		5			5
	Kitaramaka	1857	5				3				2	36	2	4	5	4		
	Ligamba A	1524	4				1				2	6	2		4	2		4
	Ligamba B	1889	1				1				1		2		1	2		
	Mcharo	1317					1				2		1		1	2		
	Mihare	2531	1				1				1		1		1	2		4
	Misisi	2487	4				3				1		2	1	5	2		4
	Sazira	1737	1				2				1		2	2	1	2		
NYAMUSWA	Bukama	3756	6				5				2	9	2	2	6	2	1	5
	Kiroreli	3386	3				13				2		2	2	3	2	1	5

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: BUNDA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NYAMUSWA	Kurusanga	2472	6				1		1		1	15	2	2	7	4		5
	Marambeka	1880	5				1				2	2	2	2	5	2	1	
	Makongoro	2399	8				14		2	12		2	2	2	12	4	1	4
	Nyaburundu	1618	2				2				2	2	2	2	2	2	1	
	Nyamuswa	5300	4				9			12	2	6	2	1	7	4	1	3
	Salamakati	1302	1				8				2	4	2	2	1	2	1	
	Sarawe	1852	5				5				2	3	2	2	5	5	1	5
	Tiring ati	1400	1	1			2				2		2	2	2	2		3
TOTAL:		90089	116	1			87		3	28	46	89	52	30	125	49	8	88

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: MUSOMA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
NYAMIMANGE	Masurura	2766	3				3				1		2	2		7		4
	Ryamesanga	2947	2				5				4		2	2	4	7	2	3
	Kamgendi	1793	3				5				4		2	2	4	5	2	5
	Kyankoma	3751	6				2				3	6	2	2	4	8	2	6
	Kitaramanka	2196	6				3				4		2	2	4	5	2	4
SUGUTI	Wanyere	2852	2															
	Seka	2154	1															
BUTUGURI	Mmazami	3011					4											10
	Bukabwa	1998					2											20
KIRIBA	Kwikuba	1417					3											5
	Nyang'oma	3570										2						
MURANGI	Murangi	3206										2						

17 10 16 32 8 57

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: MUSOMA

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG			
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH									
TEGERUKA	Kwibara	3855											2								
KUKIRANGO	Kamgendi	4083											2								
	Kiabakari	6693											2								
	Nyamisisye	5170											2								
	Mwanza Buriga	2870											2								
BURUMA	Ryamgabo	1970											2								
BUTIAMA	Butiama	8232											2								
	Rwankoma	2659											2								
	Masaba	7195		1									2								
BUHEMBA	Muriaza	2666											2								
	Bumangi	3491											2								
NYANKANGA	Nyabange	2363			1	10							2	2							
total													38	12	16	32	8	52			

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: SERENGETI

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
IKOMA	Bwitengi	2063	6				9				1		4					4
	Miseke	1437	2										4					3
	Rwamchanga	2213	3				2						4					2
	Kebosongo	2813					4						2					4
	Robanda	1369							1							2		3
NATTA	Burunga	1454					3						2					3
	Nyichoka	1612					3						2					4
	Nyakitono	1069					2						2					1
	Mbiso	1862																2
	Motukeri	1906					1											
	Koto	548																1
ISENYE	Singisi	1361					2											

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: SERENGETI

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
ISENYE	Nyiberekera	2946					4											3
	Nyamisingisi	1192					1											2
	Iharara	1618					1											
	Kitembere	2153					2											2
	Rigicha	1415					1											1
	Nyankomogo	1197					3											1
MUGUMU	Mugumu Town	6500			1	10												
TOTAL:		36728	11		1	10	38		1		1		20			2		36

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

REGION: MARA

DISTRICT: TARIME

CUMULATIVE FIGURES
1985/86 - 1990/91 (5 YEARS)

WARD	VILLAGE	EST POP 1991	NO. OF SHALLOW WELLS		PIPED WATER SCHEMES		NO. OF ITWS	RAIN WATER HARVESTING			LAT-RINES		VHW	TBA	VW & DPCT	VF	SK	SG
			NEW	REH.	NO.	NO DPs		HH	INST	W.J.	INST	HH						
MIRARE	Ingri Juu	1770					1				3	2	2			6		
NYATHOROGO	Ochuna	1980											2			4		
	Kowak	3150											2			1		
	Nyasoko	1220			1	11			1		1	4	2			4		
	Saye	650									1							
KOMUGE	Komuge	3250			TR 2	21							2					
	Baraki	2420			"	10							2					
	Bitirio	1960			"	8							2					
	Kuruya	1910			"	9							2					
	Irienyi	2050			"	17							2					
TOTAL:		20360			2	76	1		1		5	6	18			15		

EST POP = Estimated Population; Shallow Wells: New = Hesawa; Reh. = Rehabilitated (Non-Hesawa); Piped Water Schemes: NO. = Number of Water Schemes; NO. DPs = Number of Domestic Points; ITWS = Improved Traditional Water Sources; HH = Household; INST = Institutional; W.J. = Water Jars; VHW = Village Health Workers; TBA = Traditional Birth Attendants; VW & DPCT = Village Well & Domestic Point Caretakers; VF = Village Fundis; SK = Storekeepers; SG = Study Groups;

APPENDIX 1 :

SPECIFIC AGREEMENT 1990/91 - 1992/93

SPECIFIC AGREEMENT ON RURAL WATER SUPPLY, ENVIRONMENTAL SANITATION AND HEALTH EDUCATION (HESAWA)

between the Government of the United Republic of Tanzania (hereinafter referred to as Tanzania) and the Government of Sweden (hereinafter referred to as Sweden) on Swedish support to rural water supply, environmental sanitation and health education.

ARTICLE I

Scope of the Agreement

1. The Programme is an integrated programme for rural water supply, health education and environmental sanitation in the regions of Kagera, Mara and Mwanza (hereinafter referred to as the HESAWA-programme).

The overall objective of the Programme is to improve the general health standard and to promote economic growth and social development among the poorer groups in rural areas. Tanzania will continue efforts to broaden the water supply programmes to include improved health education, environmental sanitation, community participation, capability and capacity building at village and district levels. Sweden will support Tanzania in its efforts to develop these activities.

The objectives of the Programme shall be achieved through

- provision of reliable water supply systems, easily accessible and with water of satisfactory quantity and quality,
- promotion of better water use and hygiene through health education and community participation (with emphasis on women) in decision making, planning, construction, operation and maintenance,
- promotion of improved environmental sanitation by more and better latrines, drainage, vector control and waste disposal systems,

- human resources development, capacity building and institutional support like mid-level management training, development of skills on village level.
2. The Programme shall be implemented in accordance with the agreed Plan of Action for 1990/91-1992/93, subsequently revised at Joint Annual Reviews.

ARTICLE II

The Swedish Contribution

Sweden shall, subject to the provisions set forth or referred to in this Agreement, make available to Tanzania during the period 1 July, 1990 - 30 June, 1993, an amount of ONE HUNDRED AND FOURTEEN MILLION SWEDISH KRONOR (SEK 114 000 000) on a grant basis.

The Swedish contribution shall be financed out of the total amount made available each financial year by Sweden for development cooperation with Tanzania under Agreements on Development Cooperation.

The amount to be allocated each financial year shall be agreed upon by the Parties annually.

ARTICLE III

Utilization of the Swedish Contribution

The Swedish contribution shall be utilized for financing the cooperation programme according to the budget indicated in Annex 1.

The Swedish contribution shall be used for managerial and technical assistance to support the implementation of the HESAWA Programme. The Swedish contribution will also be used for procurement of both imported and local goods.

Utilization of the Planning Reserve included in the annual budgets shall be approved by SIDA.

ARTICLE IV

Undertakings by Sweden

Sweden undertakes to finance the services of a consultancy company to provide managerial and technical assistance to the HESAWA-programme as well as procurement services.

Sweden undertakes to provide technical assistance to an advisory position based under Prime Minister and First Vice President's Office.

ARTICLE V

Undertakings by Tanzania

Tanzania undertakes to provide required resources for the implementation of the Programme and to ensure that the activities are carried out in accordance with agreed plans and budgets. This implies that Tanzania shall provide all financial, material and personnel resources not explicitly referred to as being Swedish obligations. More specifically Tanzania shall:

- Procure a consultancy company to provide managerial and technical assistance as well as procurement services.
- Submit the tender documents, the written evaluation of the bids and a draft contract for prior approval by Sweden.
- Consult and request SIDA's approval for any significant change in or termination of the terms of reference or contract during the implementation of the consulting contract. Should any such need arise SIDA shall be consulted at an early stage.

By September 10, 1990 an assessment of the above procurement procedure will be made jointly by Tanzania and Sweden. If this assessment indicates that a contract with a consultancy company may not be signed before January 1, 1991, the responsibility for the procurement shall revert to SIDA.

Furthermore Tanzania shall:

- a. Provide required local resources such as staff (including allowances and incentives), offices, accommodation, fuel, transport and funds;

- b. Ensure that the above resources will be timely made available for the implementation of the Programme;
- c. Provide all local funds to finance social gatherings and entertainment;
- d. Ensure sufficient and continuous provision of local staff required by the relevant executing agencies of the Programme and appoint duly qualified Tanzanian counterparts to work together with the expatriate personnel;
- e. Ensure the opening of special HESAWA-accounts in integrated HESAWA districts, and that these accounts will not be used for any other purpose than the HESAWA-programme;
The disbursements of Swedish funds to these accounts will follow regular, government procedures via the Treasury. These accounts may be audited by the Exchequer and Auditor General's Department or any other Auditing Institution appointed by the Auditor General.
- f. Provide operation- and maintenance plans for each individual water supply scheme selected for construction or rehabilitation under the HESAWA-programme;
- g. Provide annual operation- and maintenance reports for each individual pumped water supply scheme rehabilitated or constructed under the HESAWA-programme;
- h. Facilitate an effective integration of activities under the HESAWA-programme by providing policy guidelines and promoting cooperation between the authorities concerned;
- i. Ensure that all vehicles and equipment procured under the Programme shall be exclusively used for the implementation of the Programme.

ARTICLE VI

Disbursements

The Swedish contribution will be disbursed as direct payments (consultancy, and expatriate personnel costs, imported equipment, etc) and cash payments (local costs). Direct payments within approved Programme budgets will be effectuated by SIDA without further requests by the Ministry of Finance.

Disbursement of financial resources are subject to provisions stated in the General Agreement on Terms and Procedures and shall be made in accordance with the valid Agreement on Development Cooperation between Sweden and Tanzania.

Disbursement of Swedish funds will be effectuated quarterly upon handing over of implementation reports including utilization of Swedish and local funds.

ARTICLE VII

Information and Consultations

1. Joint Annual Reviews of the Programme shall be carried out by the competent Tanzanian and Swedish authorities as defined in Article IX to assess progress made, determine relevant actions to be taken and resources required.

Following the Joint Annual Review, Sweden and Tanzania shall have quarterly consultations to assess the progress of on-going activities, in order to ensure that activities are carried out in conformity with this Agreement. The quarterly consultations shall also assess any changes of or any new guidelines proposed, additional staff requirements including terms of employment, and contracting of any additional consultants. Moreover the Parties shall agree upon the annual allocations of Swedish and Tanzanian funds for the Programme.

2. The Prime Minister and First Vice President's Office shall cause the relevant Executing Agencies (Ministry of Energy, Minerals and Water, Ministry of Health and Ministry of Local Governments, Community Development, Cooperatives and Marketing) to prepare quarterly progress reports, including statements on actual and planned expenditures.

One month prior to the Joint Annual Review Tanzania shall submit an annual progress report to Sweden giving its analysis and comments on the overall performance.

3. The Prime Minister and First Vice President's Office shall submit to SIDA, one month prior to the Joint Annual Review a draft Annual Action Plan for the forthcoming financial year. This draft plan shall present work plans with explanatory comments and breakdown of activities, which show the resources required for each activity. The draft plan shall contain a detailed budget and requirements for manpower and procurement.
4. By February each year, the Prime Minister and First Vice President's Office shall submit to SIDA final Annual Action Plans with relevant budgets to be discussed and approved during the Annual Budget Review, which shall be held by end February/beginning March each year.
5. Following the Annual Budget Reviews, the Prime Minister and First Vice President's Office shall by May each year submit Annual Procurement Plans to the purchasing agent to facilitate a smooth and cost-efficient procurement system.

ARTICLE VIII

Auditing

Auditing of two districts or one district and one region shall be carried out annually by an external, competent auditor.

Prime Minister and First Vice President's Office shall follow-up on audit reports and specify to SIDA what actions will be taken to rectify the problems encountered.

Any material which at the auditing cannot be verified as used for agreed HESAWA-activities shall be replaced by the Agency concerned. HESAWA-funds shall not be used for the procurement of such material

Failure to replace such items within 18 months after the release of auditor's final report, will influence the future Swedish support to the respective region/district.

ARTICLE IX

Competent Authorities

In matters regarding the implementation of the HESAWA Programme, the Prime Minister and First Vice President's Office shall be competent to represent Tanzania, and The Swedish International Development Authority, SIDA, shall be competent to represent Sweden.

ARTICLE X

Procedural Questions

The provisions of the General Agreement on Terms and Procedures between Tanzania and Sweden for the period 1 July 1986 - 30 June 1991, and the Agreement on Development Cooperation between Sweden and Tanzania for the period 1 July, 1989 - 30 June, 1991, or any Agreement replacing or superseding the said Agreements, shall govern the implementation of this Agreement.

ARTICLE XI

Entry into Force and Termination

This Agreement shall enter into force on 1 July, 1990 and shall remain valid until 30 June, 1993, unless terminated earlier by either of the Parties at six months' written notice.

Done in two originals in the English language in Dar es Salaam on ~~Sept. 11~~ 1990.

For the Government of
Sweden

For the Government of
the United Republic of
Tanzania

Anders Olsson
.....

Shubiryo
.....

ANNEX 1

PROPOSED BUDGETS 1990/91-1992/93 (000 SEK)

	<u>1990/91</u>	<u>1991/92</u>	<u>1992/93</u>
<u>Kagera</u>			
Regional	1.010	1.010	1.010
Bukoba Rural	2.010	2.010	2.010
Biharamulo	1.740	1.740	1.740

Karagwe	915	915	915
Muleba	540	510	510
Ngara	<u>480</u>	<u>480</u>	<u>480</u>
	6.695	6.665	6.665
<u>BUDGET FIGURES</u>	<u>7.000</u>	<u>7.000</u>	<u>7.000</u>
<u>Mara</u>			
Regional	885	885	885
Musoma Rural	355	922	1.179
Bunda	1.385	2.313	2.283

Serengeti	655	870	870
Tarime	<u>280</u>	<u>300</u>	<u>300</u>
	3.560	5.290	5.517
<u>BUDGET FIGURES</u>	<u>4.000</u>	<u>5.500</u>	<u>5.500</u>
<u>Mwanza</u>			
Regional	585	585	585
Magu	1.805	1.705	1.605
Mwanza Municipality	1.390	1.356	1.346
Kwimba	1.720	1.720	1.720

Ukerewe	310	310	310
Geita	230	230	230
Sengerema	<u>180</u>	<u>180</u>	<u>190</u>
	6.220	6.086	5.986
<u>BUDGET FIGURE</u>	<u>6.500</u>	<u>6.000</u>	<u>6.000</u>
<u>Zonal Activities</u>			
<u>BUDGET FIGURES</u>	<u>13.200</u>	<u>13.000</u>	<u>13.000</u>
<u>Planning Reserve</u>			
<u>BUDGET FIGURES</u>	<u>7.300</u>	<u>6.500</u>	<u>6.500</u>
<u>GRAND TOTAL</u>	<u>38.000</u>	<u>38.000</u>	<u>38.000</u>
=====			

APPENDIX 2 :

PLAN OF ACTION 1990/91 - 1992/93

1989-12-20

HESAWA - PLAN OF ACTION FOR THE PERIOD 1ST JULY 1990 - 30TH JUNE 1993

INTRODUCTION

The "Health through Sanitation and Water Programme", HESAWA, has developed since 1985 when Tanzania and Sweden entered into a Specific Agreement on cooperation concerning rural water supply, environmental sanitation and health education. The Programme covers the Kagera, Mara and Mwanza Regions in the Lake Zone. A new Specific Agreement is expected to be concluded for a three year period starting in July 1990. Activities during the new period will be based on the experiences made since the initiation of HESAWA.

This Plan of Action constitutes the governing document for the implementation of the HESAWA Programme between 1st July 1990 and 30th June 1993. Detailed activity plans and budgets for the period will be found in Appendix 1.

Supplementary information is provided in the Programme Document, dated November 1988, Plan of Operation, dated March 1989, Enclosure 1 and SIDA's Comments on the Proposed Plan of Operation, dated September 1989, Enclosure 2.

GOALS AND OBJECTIVES

The overriding objective of the Programme is to improve the welfare of the of the rural population through improved health education, environmental sanitation, water supply, community participation, capability and capacity building at village and district levels.

Programme implementation assumes active community participation in decision making, planning and implementation. The Programme activities are based on the concepts of affordability, sustainability, replicability, credibility and cost efficiency. This is to say that activities started within the Programme will rely on the local resource base for their continued functioning.

The main operative goals envisaged to be achieved are:

- (1) improved water supply which is
 - continuous
 - of improved quality
 - of greater quantity
 - more easily accessible
 - available for various household purposes
- (2) improved health and environmental sanitation by
 - increasing the people's awareness as to how the quality of water can be maintained from source to consumption
 - increasing popular participation, especially the participation of women
 - health and environmental sanitation education directed towards water and hygiene-related diseases
 - construction of latrines which are more sanitary and socially and culturally acceptable
 - improving drainage and waste disposal
 - vector control
- (3) capability and capacity building and strengthening at all levels by
 - overall human resources development
 - legislative backing at village level
 - improving the managerial aspects at village and other levels
 - imparting technical skills to the grass root level.

PRESENT STATUS

The HESAWA philosophy is basically sound and appropriate. However it should be noted that the provision of improved water, environmental sanitation and health education is only one among many inputs in the complex

task of improving the overall welfare of the rural population.

The major achievements of HESAWA todate are:

- (1) Villages have proved that they have the ability and potential to effectively plan and run their own development projects.
- (2) This potentiality has been tapped through decentralisation and the development of methods for active community participation within water, health education and sanitation.
- (3) Effective mobilisation has been achieved through creation of community awareness. Human resources development activities have helped to expand the capabilities and capacities of the community at the village level, district and higher levels.
- (4) Considerable progress has been made in identifying appropriate technologies to develop physical facilities in water supply and sanitation - facilities that are affordable, sustainable and replicable.

HESAWA's objectives are ambitious and involve some of the most difficult aspects of rural development. Moreover, it is only a small part of the totality of the development process. Hence it is important to look at the programme as part of a process where activities frequently have been adjusted on the basis of past experience. In this perspective it is natural that the programme also has faced a number of problems and constraints:

- because of its complexity there were initial difficulties in setting clear programme objectives
- in the absence of such objectives it was difficult to define quantified targets as well as clear roles and responsibilities for the actors at various levels
- inadequate local resources and low absorption capacity for external resources
- there have been problems in defining the programme's role within the administrative system
- there are external constraints relating to the supply of material and equipment

- the programme lacks practical guidelines on women activities even though women at an early stage were identified as a major target group
- the programme faces political pressure to expand too rapidly.

The programme has now overcome many of these initial problems, but needs time to consolidate and establish a firm base for future growth. This will be the major preoccupation in the forth-coming programme phase.

BASIC PRINCIPLES

Decentralisation is one of the major policies guiding the implementation of this programme. The success of the programme will depend on vigorous community participation where the villagers are involved in joint decision making, planning, implementation, budgeting, monitoring and evaluation. Villagers' skills, talents and leadership potentials shall therefore be identified, developed and utilised for the benefit of the villagers themselves.

Active participation of women in the programme will be given further emphasis. However, clear guidelines on women's activities need to be developed.

Human resources development will remain a key activity in order to promote capacity building among villagers as well as programme implementors.

The choice of appropriate technology - in combination with human resources development - shall facilitate the participation of the beneficiaries in the development of water, sanitation and health facilities and will make it possible for them to take full responsibility for operation and maintenance of the facilities. This is the only way to achieve affordability, sustainability and replicability.

PROGRAMME IMPLEMENTATION

Whereas the programme shall emphasize on consolidation in the coming phase, it is still expected that the programme will continue to grow. However, implementation capacity will determine the rate of growth. Decisions to include new districts will be taken by Management Meetings. Phasing in/phasing out guidelines have been prepared. According to these guidelines approximately 30 villages per district shall be actively involved in the program (these 30 villages 10 will be at a phasing in stage, 10 under full scale implementation and 10 at a phasing out stage. In addition, it is anticipated that passive programme support will be given to committed districts and villages considered for active inclusion into the programme at a later stage. Similarly, post-intervention support services shall be rendered to villages/districts that have been phased out.

Local resources will be used to the greatest extent possible.

The private sector and non-governmental organisations will be utilised as a resource to the programme in order to improve efficiency and facilitate implementation.

Detailed activity plans and budgets for the implementation of the programme will be found in Appendix 1.

HUMAN RESOURCES DEVELOPMENT

For reasons of sustainability the human resources development form the corner-stone in all activities in the Programme. Therefore all training should be geared towards improvement of skills and expanding capacities with the major emphasis on the village level.

At present the district level appears comparatively weak in managerial and technical skills. Efforts should be made to improve conditions in these respects so that the districts could take on a more active role in supporting village initiatives. A process for gradual upgrading of district staff in districts that later on will be covered by HESAWA should be worked out.

Districts, included in the HESAWA programme, will be required to make a full time HESAWA District Coordinator available.

Course objectives, curricula and training methods will be reviewed and properly coordinated in order to improve efficiency and cut costs. All training will be geared towards solving practical problems in the HESAWA activities.

COMMUNITY DEVELOPMENT

Although considerable progress has been made, the community development component of the programme still faces the following shortcomings:

- (1) Decentralisation of decision making, planning, budgeting and transfer of funds and other resources from districts to villages has been resisted on mere technical excuses, e.g. differing interpretation of the Local Government Acts. Also, at District level there are fears villages may mismanage funds irrespective of the fact that they already handle bigger sums of money than would be made available through HESAWA. Lack of proper accounting systems and accountability mechanisms contributes further to this fear.
- (2) Lack of practical guidelines to involve women in decision making, planning and implementation.
- (3) Continued existence of top-down approach to programme management.
- (4) Inadequate plans to build village capacities and capability.
- (5) Inadequate resources in terms of manpower and logistics for promotion and mobilization.

The programme management will take concrete measures to alleviate these bottlenecks. More elaborate procedures for women's participation, as well as more specific guidelines for village selection and for the process of phasing in (and phasing out) will be given emphasis.

Promotion work will continue to be done in cooperation between HESAWA District Promotion Officers and Community Development Department staff, where emphasis will be on transferring skills to the Department field staff. Promotion officers will also take part in methodology development.

One great problem is the insufficient number of Community Development Assistants. Districts that want to benefit from HESAWA will be required to make available the necessary numbers of such staff.

21 criteria
Criteria for the selection of new Districts and villages will be worked out by the Programme Management and made known to the parties concerned.

The Community Development Department staff needs to be strengthened in order to play a more active role in HESAWA-related activities. To a large extent, however, this is an undertaking that falls outside the scope of HESAWA. What could reasonably be done within the programme would be to organize specific courses within the most vital fields of training. A schedule of courses, curricula etc. will be worked out by the programme management in collaboration with the Department.

At the village level emphasis will be given to promoting managerial and technical skills. Managerial skills include planning and budgeting, financial management and book-keeping as well as store-keeping. Technical skills include the training of village artisans and village health workers. One option when it comes to artisans is to develop them into small-scale entrepreneurship. In all cases women will be given particular attention.

In the process of selecting villages priority will be given to villages that show practical commitment to HESAWA activities.

HEALTH EDUCATION AND ENVIRONMENTAL SANITATION

The bottom-up approach has been emphasized in health education and sanitation. The village communities participate in mobilization meetings where they select village health worker trainees (half of whom must be women) and arrange physical work participation in implementing HESAWA activities. Also, the village communities select a Village Health Committee amongst themselves to form a village support system.

from summary
After the training of Village Health Workers, the village is solely responsible for their remuneration. It is very important that the villagers fully understand the economic implications of this undertaking, and take responsibility for the welfare of the village health

workers. The form of remuneration is left up to the village to decide.

The nearest dispensary provides the Village Health Workers with day-to-day support, follow-up and supervision.

HESAWA will undertake the basic training and retraining of Village Health Workers. The number of Village Health Workers to be trained shall be determined by the number of villages to be phased into the programme. The number of trainees per village will depend on the size of the village. HESAWA will provide the trainees with a medical kit, but the replenishment of the kits will be left to the beneficiaries and the District Councils.

Traditional birth-attendants and healers will be actively involved in village health activities. Policies and guidelines will be prepared by the Programme.

Sanitation activities will be given greater prominence in the health component, particularly aspects related to personal hygiene, vector disease control and environmental sanitation. The implementation of sanitation will be on the basis of established HESAWA sanitation guidelines.

Health and hygiene education through the school system shall be emphasized.

The Missungwi Training Institute will continue to be a resource centre when it comes to the development of appropriate methods and techniques in water supply and environmental sanitation.

HESAWA will provide the village artisans with the relevant models for latrinization given different environmental conditions. The choice of latrine models shall remain the responsibility of the villagers. Household latrines shall remain to be wholly financed by the households themselves. The revolving fund for the manufacture of latrine components will continue to be utilized, but on a "pay first and delivery later" basis.

Institutional latrines at primary schools, dispensaries, and other important public places are considered an important component of the sanitation activities. HESAWA will continue to support their construction, but its contribution will be limited to the supply of materials only. Operation and maintenance shall be the responsibility of the villagers.

Monitoring of water quality shall be done by both the Water and Health Departments. However, in order to avoid unnecessary duplication, procedures shall be worked out to make it possible for the two Departments to use the same equipment and laboratories.

WATER

HESAWA water policies will be guided by the Local Government Acts.

For reasons of sustainability and affordability priority will be given to point sources and one-village schemes during the forth-coming period. The order of priority will be:

- (1) Improvement of traditional water sources (the responsibility of the Community Development Department)
- (2) Rehabilitation of wells and handpumps
- (3) Survey of shallow ground water and the construction of ring wells with handpumps
- (4) Construction of hand drilled wells with handpumps
- (5) Rain water harvesting for institutional and communal water supplies
- (6) Survey and drilling of medium deep wells with handpumps
- (7) Construction of one-village gravity schemes.
- (8) Survey and drilling of deep boreholes in special case areas.

Whenever water supply activities are started in a village the approach shall be to start with the most simple feasible technology and move on to the more complicated ones.

The procedures for water source identification and allocation of water distribution points within the village area shall be done in closer collaboration with the villagers.

In all cases except the improvement of traditional water sources there will be a one-year guarantee period after the completion of construction. Thereafter the water supply facility will be commissioned and put under the responsibility of the beneficiaries. This will be done in accordance with procedures that have been worked out within the programme.

HESAWA will help to promote measures by the Forest Department to improve the conservation of catchment areas and water sources.

Operation and maintenance of the water facilities will remain to be the responsibility of the beneficiaries, and the villagers must be made aware of the financial implications that will follow. The HESAWA Village Level Operation and Maintenance System, which is being developed, shall be the guideline in this respect.

In addition to promoting technical skills among villagers, emphasis will be given to financial management skills. Women participation will be given particular attention.

In order to strengthen the maintenance aspect, the programme will distribute tool kits on a restricted basis. Only the initial tools requirement shall be supplied and any replacements will remain the responsibility of the villages. The responsibility of the tool kits shall be vested in individuals rather than caretaker committees.

Experience has shown that feasibility studies regarding the technical, financial and cost recovery aspects of all water schemes other than point sources need to be improved and distributed to the financing parties at an early stage. Financing will be done only on the condition that the stipulated requirements have been met. Funding approval shall be granted by the donor.

The Regional Water Department is staffed by qualified personnel, but the Districts are poorly staffed, both in quantitative and qualitative terms. This is a serious bottleneck in expanding the implementation capacity at the District level.

With regard to drilling the programme will support hand drilling and the use of simple drilling technology. In exceptional cases, however, the simple drilling technology may be insufficient. In such cases the use of more sophisticated technology, on an indiscriminate

tendering basis, may be looked into. Special agreements on the financing of such undertakings shall be made.

In the past, major investments have been made in constructing and rehabilitating big pumping and gravity schemes. However, some of these schemes are highly underutilized due to lack of operation and maintenance resources. To avoid wasteful use of resources, HESAWA will be very restrictive in approving the rehabilitation and/or construction of such schemes until it has been proven that the already improved ones have functioning operation and maintenance as well as cost recovery systems. Emergency measures in District Headquarter water schemes can be financed by the programme.

Repairs on water equipment will be done through the non-Government sector when Government facilities are not sufficient.

ORGANISATION

By now a reasonable organizational structure for HESAWA has been established. No major organizational changes are expected during the forth-coming period, even though there will be a continuous process of improvement. See the enclosed organisation chart (Appendix 2).

For HESAWA to succeed along the lines of community involvement it is important that villagers are represented in decision making and advisory bodies at all levels. The following committees will be used for this purpose:

- (1) Village HESAWA Committees
- (2) Ward Development Committees
- (3) District Implementation, Monitoring and Evaluation Committees (advisory to the District Development Committee)
- (4) Regional Support and Supervision Committees (advisory to the Regional Management Team and with capacity to give recommendations to the HESAWA Management Meeting).

For a detailed description of the roles, responsibilities and composition of the committees, please refer to Sections 4.3 - 4.6 of the enclosed Plan of Operation. However, as regards the Regional Support and Supervision Committees the policy is for them to have regular visits to villages and districts in the programme areas. In this way they will share experiences with the implementors, discuss with villagers and advise on practical solutions to problems related to implementation. Such visits should be undertaken at least four times a year. The number of regional officials in the Secretariate and Consultative Group to take part in the committee will be reduced to: the Regional HESAWA Coordinator, the Regional Community Development Officer, the Regional Health Officer and the Regional Water Engineer.

There have been tendencies towards HESAWA committee meetings having too many participants. There will be an effort to reduce the number of participating officials in order to rationalize proceedings and institute efficiency.

At least 50% of the voting members of any HESAWA committee shall be women.

HESAWA's increasing concentration to the district and village levels makes it necessary to strengthen the programme management in the field. Hence, the Zonal HESAWA coordination office at Mwanza needs to be strengthened and vested with decision making rights in matters relating to the implementation of the programme activities. At least half of the Management Meetings will be held in the programme area.

Policy guidelines on different aspects of the programme will continue to be systematically developed. A list of presently available guidelines (some of which are to be revised), and guidelines to be developed, is given in Appendix 3.

There is an ambition to increasingly use ordinary Tanzanian rules and regulations within the programme. For the time being, however, some services will have to be provided through consultancies due to inadequate skills and resources. These are (i) matters relating to financial management, procurement, stores and general handling, and (ii) matters relating to programme advisory issues, mainly the employment of some staff. Separate terms of reference for these two functions - taking the requirements during a consolidation phase into consideration - will be developed.

In the forth-coming phase the Prime Minister and 1st Vice President's Office will be signatory to the consultancy contracts. SIDA will remain the financier of the contracts and will be part to negotiations.

The supporting external staff will be the following:

- (1) One advisor to the HESAWA programme management (on SIDA contract)
- (2) Six persons on a consultancy basis:
 - 3 regional HESAWA advisors (to be gradually localized)
 - 1 financial controller
 - 1 stores and transport manager
 - 1 liaison officer (part time).

District Promotion Officers, HESAWA Technicians and some specialized supporting staff are expected to remain to be employed on a consultancy basis.

A proposal for incentive schemes shall be worked out by the Programme Management with the aim to improve production and efficiency.

The handling and distribution of HESAWA means of transport will be in accordance with the HESAWA transport guidelines. Repairs will be done through the non-Government sector when Government facilities are not available.

MONITORING AND EVALUATION

Monitoring and reporting shall be done every month at HESAWA village level. At the District, Regional and National levels this shall be done quarterly. The village secretaries, the District Executive Directors, the Regional Development Directors and the HESAWA Director shall be responsible for proper reporting on funds, physical implementation and related matters.

All reporting shall to the extent possible be standardized to comply with Tanzania Government procedures. Release of funds will depend on the submission of implementation reports.

Minimum evaluation procedures for different sectors will be established. Statistical collection procedures under normal administrative machinery of the programme will be established. Furthermore, occasional sampled base line surveys and case studies shall be conducted (preferably by hired services).

On the basis of reports and other information compiled by the programme, the Programme Management will continuously evaluate the progress made.

An independent evaluation of the programme will be undertaken during the second half of 1992.

The functioning of the internal book-keeping and financial management systems has improved but needs continuous attention. Efficient routines are vital to monitoring and management at all levels, from the villages to the HESAWA management. The book-keeping system will basically remain manual.

Limited computer facilities will be available at the Zonal HESAWA Coordination Office in order to support report writing, statistical and financial analysis.

Random external auditing will continue to be conducted and will cover both books of accounts and the installation and functioning of physical facilities.

PROGRAMME RESOURCES

HESAWA is a Tanzanian programme with financial support and technical assistance from Sweden.

Out of the total development costs Tanzania and Sweden will contribute at an approximate ratio of 1:20. All recurrent costs, including operation and maintenance and other local resources required, such as staff (including allowances and incentives), offices and fuel shall be financed by Tanzania.

The total Swedish contribution will be SEK 114 million over a three-year period.

Out of this contribution a maximum of 10% could be used for human resources development. As regards the training of Village Health Workers Sweden will finance a maximum of 50% of the costs for basic training. Retraining will be fully financed.

Swedish funds can be used to increase the District Councils' contributions to the District HESAWA accounts by 25%.

Specific approvals by SIDA will be required when it comes to using Swedish resources for:

- (1) Drilling activities where the ordinary, simple drilling equipment within the programme could not be used;
- (2) All water schemes except point sources. Project documents shall be made available as a basis for the Swedish decision;
- (3) The Planning Reserve

The representative of SIDA in Dar es Salaam shall be a member of the Management Meeting.

Major changes of the Programme have to be jointly agreed between Tanzania and Sweden. A joint mid-term review will be undertaken in October 1991. In addition, regular consultations will be held between representatives of Tanzania and Sweden.

TAN/DCO
M.Sundgren/et

1989-12-12

PROPOSED BUDGETS 1990/91-1992/93 (000 SEK)

	<u>1990/91</u>	<u>1991/92</u>	<u>1992/93</u>
<u>Kagera</u>			
Regional	1.010	1.010	1.010
Bukoba Rural	2.010	2.010	2.010
Biharamulo	1.740	1.740	1.740

Karagwe	915	915	915
Muleba	540	510	510
Ngara	<u>480</u>	<u>480</u>	<u>480</u>
	6.695	6.665	6.665
<u>BUDGET FIGURES</u>	<u>7.000</u>	<u>7.000</u>	<u>7.000</u>
<u>Mara</u>			
Regional	885	885	885
Musoma Rural	355	922	1.179
Bunda	1.385	2.313	2.283

Serengeti	655	870	870
Tarime	<u>280</u>	<u>300</u>	<u>300</u>
	3.560	5.290	5.517
<u>BUDGET FIGURES</u>	<u>4.000</u>	<u>5.500</u>	<u>5.500</u>
<u>Mwanza</u>			
Regional	585	585	585
Magu	1.805	1.705	1.605
Mwanza Municipality	1.390	1.356	1.346
Kwimba	1.720	1.720	1.720

Ukerewe	310	310	310
Geita	230	230	230
Sengerema	<u>180</u>	<u>180</u>	<u>190</u>
	6.220	6.086	5.986
<u>BUDGET FIGURE</u>	<u>6.500</u>	<u>6.000</u>	<u>6.000</u>
<u>Zonal Activities</u>			
<u>BUDGET FIGURES</u>	<u>13.200</u>	<u>13.000</u>	<u>13.000</u>
<u>Planning Reserve</u>			
<u>BUDGET FIGURES</u>	<u>7.300</u>	<u>6.500</u>	<u>6.500</u>
<u>GRAND TOTAL</u>	<u>38.000</u>	<u>38.000</u>	<u>38.000</u>
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17
HESAWA PROGRAMME TARGETS 1990/91 - 1992/93

REGIONS/DISTRICT	No of Study Groups	Trained VHW	Househ. latrines slabs	Inst. Latrines	Impr. TWS	Rain W.H Instit.	Rain W.H Househ.	Piped W/S Rehab.	Piped W/S New	No. of machine drilled B/H	No. of S/W Rehab.	No. of S/W New	Pop. in the district	Pop. in Hesawa wards	No. of Villages	No. of Wards
KAGERA																
-Bukoba R.	210	30	400	15	60	-	12	2	2	-	100	34	95	43	8	
Muleba	-	40	250	16	34	-	-	1	2	-	15	274	40	12	4	
ara	-	30	75	12	29	-	-	2	1	-	15	159	61	18	5	
-Karagwe	-	42	250	11	27	12	30	1	2	-	10	293	95	20	8	
-Biharamulo	210	15	400	20	120	4	21	1	2	60	10	30	210	87	32	7
ib Total	420	157	1375	74	290	16	63	7	9	60	10	169	1280	378	133	30
MWANZA																
-Mwanza Mun.	830	120	1350	30	120	-	-	2	-	-	20	45	223	66	18	7
-Geita	-	-	-	-	20	-	-	-	-	20	10	45	439	42	15	3
-Magu	150	75	300	30	150	6	-	-	-	20	60	150	311	114	50	10
-Kwimba	98	60	1050	30	60	3	-	1	-	60	60	150	428	93	45	10
-Ukerewe	-	-	-	27	45	-	-	-	-	-	-	57	173	25	8	2
-Sengerema	-	-	-	-	20	-	-	-	-	20	15	30	304	21	10	2
ib Total	578	255	2700	117	415	9	-	3	-	120	165	477	1878	361	146	34
MUSOMA																
Musoma R.	45	40	600	16	45	6	6	2	1	20	-	39	247	42	17	3
Runda	345	80	700	50	70	3	6	1	1	20	20	90	201	73	23	4
-Merengeti	30	20	300	9	12	-	-	-	3	20	-	30	113	40	15	3
Tarime	-	-	-	-	-	-	-	1	3	-	-	-	341	41	22	4
ib Total	420	160	1600	75	127	9	12	4	8	60	20	159	902	196	77	14
AND TOTAL	1418	572	5675	356	832	34	75	14	17	240	195	805	4060	935	356	78

Notes: 1) Population figures are in '000

Source of inf.-Population census 1988.

2) Study Group Programme will result in the construction of Household Latrines and Improved Traditional Water Sources. Estimated number are included.

3) The role of the Regions is primarily advisory but may result into improvement of TWS Institutional Latrines, Drilled Boreholes Insti Rain water Projects. Targets for these are reported under the Dist

KAGERA REGION

 TENTATIVE IMPLEMENTATION SCHEDULE
 REHABILITATION/NEW CONSTRUCTION OF PIPED
 WATER SUPPLIES 1990/91 - 1992/93

<u>BIHARAMULO</u>		190/91	1991/92	1992/93
Biharamulo Town W/S	N	-----		
Nyakahura	R	-----	-----	-----
Katoke	N		-----	-----
<u>BUKGBA RURAL</u>				
Old Rubale	R			
Nkenge	R	-----	-----	
Kenondo	N			
Proposed New W/S	N			-----
<u>KARAGWE</u>				
Kihanga	R			
Songambebe	N	-----	-----	-----
Proposed New W/S	N			-----
<u>MULEBA</u>				
Muleba Town W/S	R			
Buliya/Kashaju	N			
Proposed New W/S	N		-----	-----
<u>NGARA</u>				
Ngara Heights W/S	R	-----		
Ntobeye	R			
Mayenzi	N	-----		

Note: N = New

R = Rehabilitation

Piped Water Supply		1990/91	1991/92	1992/93
<u>BUNDA</u>				
N	Nyaluga gravity (Part of Bunda T. W/S)	—		
R	Bunda town water supply		---	---
R	Kwiramba	---		
<u>MUSOMA RURAL</u>				
R	Mugango TR IV (EL)	—		
R	Biatwika		---	
N	Proposed new scheme			---
<u>SERENGETI</u>				
N	Musati Gravity	---		
N	Busawe Gravity		---	
N	Proposed new scheme			---
<u>TARIME</u>				
N	Kowak (New El)	—		
N	Mogabiri Gravity	---		
N	Keisangura Gravity		---	
R	Nyanduga (El).			---

N = New

R = Rehabilitation

PROGRAMME TARGETS/BUDGET

Region: Kagera

Financial Year: 1990/91

Agency/Activity	Reg. level		Mukoba R.		Muleba		Ngara		Karaqwe		Biharamulo			
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget
COORDINATION														
Office & Vehicles	-	600	-	150										
-Promotion	-	60	-	10							-	145		
-Study group Prog.	-	-	70	100							-	27		
-HRD	-	60	-	265							70	100		
Sub Total		720		525								372		
AFYA														
-VHW training	-	20	10	70	20	45	10	25	14	40	15	20		
-Health Education	-	30	-	20	-	20	-	8	-	30	-	20		
-Sanitation 1	-	20	50	10	50	20	20	12	50	20	100	40		
-Water Lab. (R)	-	-	-	-	-	-	-	-	-	-	-	-		
Sub Total		70		100		85		45		90		80		
MAENDELEO														
-Improve. of. TWS	Adv. support		20	120	10	50	5	40	7	20	40	100		
-Inst. Latrines		60	5	20	4	15	3	15	5	20	10	30		
-Household RWH			2	30	-	-	-	-	10	150	5	22		
Sub Total		60		170		65		55		190		152		
IAJI														
-Wells	Adv. support		30	550	5	30	5	30	5	50	30	700		
-Piped W/S			2	565	2	255	3	245	1	380	1	240		
-RWH Institutions		160	-	-	-	-	-	-	4	100	1	96		
-Running lorries			-	100	-	105	-	105	-	105	-	100		
-Drilling (R)			-	-	-	-	-	-	-	-	-	-		
-Water Lab (R)		-	-	-	-	-	-	-	-	-	-			
Sub Total		160		1215		390		380		635		1136		
GRAND TOTAL		1010		2010		540		480		915		1740		

NOTE: All budget figures are in '000 SEK

Agency/Activity	Reg. Level		Bukoba R.		Muleba		Ngara		Karaqwe		Biharámulo		Target	Bu
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget		
COORDINATION														
-Office & Vehicles	-	600	-	165							-	148		
-Promotion	-	60	-	10							-	24		
-Study group Prog.	-	-	-	100							-	90		
-HRD	-	60	-	250							-	110		
Sub Total		720		525								372		
AFYA														
-VHW Training	Advisory Support	20	10	50	10	45	10	25	14	40	-	15		
-Health Education		30	-	20	-	20	-	8	-	30	150	45		
-Sanitation		20	150	30	100	20	25	12	50	20	-	20		
-Water Lab. (R)		-	-	-	-	-	-	-	-	-	-	-		
Sub Total		70		100		85		45		90		80		
HAENDELEO														
-Improv. of TWS	Advisory Support		20	100	12	50	10	40	10	30	40	100		
-Inst. Latrines		60	5	20	6	15	4	15	3	10	5	20		
-Household RWH			5	50	-	-	-	-	10	150	8	32		
Sub Total		60		170		65		55		190		152		
HAJI														
-Wells	Advisory Support		30	550	5	30	5	30	7	70	30	600		
-Piped W/S			2	565	1	225	-	245	2	460	1	290		
-RWI Institutions			-	-	-	-	-	-	-	-	2	146		
-Running lorries		160	-	100	-	105	-	105	-	105	-	100		
-Drilling (R)			-	-	-	-	-	-	-	-	-	-		
-Water Lab (R)		-	-	-	-	-	-	-	-	-	-			
Sub Total		160		1215		360		380		635	-	1136		
GRAND TOTAL		1010		2010		510		480		915	-	1740		

NOTE: All Budget figures are in '000 SEK

PROGRAMME TARGETS/BUDGET

Region: KAGERA

Financial Year: 1992/93

Agency/Activity	Req. Level		akoha Koral		Muleba		Ngara		Karagwe		Biharamulo		Target	Bu
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget		
COORDINATION														
-Office & Vehicles	1	600	-	165							-	149		
-Promotion	1	60	-	10							-	23		
-Study group Prog.	1	-	-	100							-	95		
-HRD	1	60	-	250							-	105		
Sub Total		720		525							-	372		
AFYA														
-VHW Training	Advisory Support	20	10	50	10	45	10	25	14	40	-	15		
-Health Education		30	-	20	-	20	-	8	-	30	-	15		
-Sanitation		20	200	30	100	20	30	12	100	20	150	50		
-Water Lab. (R)		-	-	-	-	-	-	-	-	-	-	-		
Sub Total		70		100		85		45		90		80		
MAENDELEO														
-Improv. of TWS	Advisory Support	60	20	100	12	50	14	40	10	30	40	100		
-Inst. Latrines		5	20	6	15	5	15	3	10	5	20			
-Household RWH		5	50	-	-	-	-	10	150	8	32			
Sub Total		60		170		65		55		190		152		
MAJI														
-Wells	Advisory Support		40	550	5	30	5	30	7	70	40	800		
-Piped W/S			1	565	-	225	-	245	-	460	1	200		
-RWH Institutions		160	-	-	-	-	-	-	-	-	1	36		
-Running lorries			-	100	-	105	-	105	-	105	-	100		
-Drilling (R)			-	-	-	-	-	-	-	-	-	-		
-Water Lab (R)			-	-	-	-	-	-	-	-	-	-		
Sub Total		160		1215		360		380		635		1136		
GRAND TOTAL		1010		2010		510		480		915		1740		

PROGRAMME TARGETS/BUDGET

Region: MCHIZA

Financial Year: 1990/91

Agency/Activity	Reg. level		Mwanza		Geita		Magu		Kwimba		Ukerewe		Sengerema	
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget
COORDINATION														
-Office & Vehicles	-	22	-	118	-	-	-	148	-	120	-	-	-	-
-Promotion	-	-	-	60	-	-	-	80	-	90	-	-	-	-
-Study group Prog.	-	-	110	176	-	-	50	140	34	54	-	-	-	-
-HRD	-	59	-	140	-	-	-	210	-	250	-	-	-	-
Sub Total	/	81	/	494	/	/	/	578	/	514	/	/	/	/
AFYA														
-VHW Training	-	-	40	80	10	20	25	50	20	58	-	-	-	-
-Health Education	-	-	-	20	-	-	-	20	-	30	-	-	-	-
-Sanitation	-	-	-	90	-	10	-	20	-	70	-	-	-	-
-Water Lab.(R)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	/	/	190	/	30	/	90	/	158	/	/	/	/
BENDELEO														
-Improv. of TWS	-	-	40	79	5	10	50	100	20	48	15	42	5	10
-Inst. Latrines	-	-	10	33	-	-	10	40	10	15	9	36	-	-
-Household RWH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	/	/	112	/	10	/	140	/	63	/	78	/	10
MAJI														
-Wells	-	-	24	284	19	190	80	847	70	775	19	232	15	170
-Piped W/S	-	-	2	200	-	-	-	-	-	-	-	-	-	-
-RWH Institutions	-	-	-	-	-	-	2	40	1	100	-	-	-	-
-Running lorries	-	140	-	110	-	-	-	110	-	110	-	-	-	-
-Drilling (R)	24	364	-	-	-	-	-	-	-	-	-	-	-	-
-Water Lab (R)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	504	/	594	/	190	/	997	/	985	/	232	/	170
GRAND TOTAL	/	585	/	1390	/	230	/	1805	/	1720	/	310	/	180

NOTE: All Budget figures are in '000 SEK

PROGRAMME TARGETS/BUDGET

Region: MWANZA

Financial Year: 1992/93

Agency/Activity	Reg. Level		Mwanza		Geita		Mlalo		Kwimba		Ukerewe		Sengerema	
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget
COORDINATION														
-Office & Vehicles	-	22	-	118	-	-	-	148	-	120	-	-	-	-
-Promotion	-	-	-	60	-	-	-	80	-	90	-	-	-	-
-Study group Prog.	-	-	-	176	-	-	-	140	34	54	-	-	-	-
-HRD	-	59	-	140	-	-	-	210	-	250	-	-	-	-
Sub Total	/	81	/	494	/	/	/	578	/	514	/	/	/	/
AFYA														
-RWH Training	-	-	40	80	-	20	25	50	20	58	-	-	-	-
-Health Education	-	-	-	20	-	-	-	20	-	30	-	-	-	-
-Sanitation	-	-	450	90	-	10	-	20	350	70	-	-	-	-
-Water Lab. (R)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	/	/	190	/	30	/	90	/	158	/	/	/	/
MAENDELEO														
-Improv. of TWS	-	-	10	33	5	10	50	100	20	48	15	42	10	20
-Inst. Latrines	-	-	40	79	-	-	10	40	10	15	9	36	-	-
-Household RWH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	/	/	112	/	10	/	140	/	63	/	78	/	20
MAJI														
-Wells	-	-	20	240	19	190	60	647	70	775	19	232	15	170
-Piped W/S	-	-	-	200	-	-	-	-	-	-	-	-	-	-
-RWH Institutions	-	-	-	-	-	-	2	40	1	100	-	-	-	-
-Running lorries	-	140	-	110	-	-	-	110	-	110	-	-	-	-
-Drilling (R)	24	364	-	-	-	-	-	-	-	-	-	-	-	-
-Water Lab. (R)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	/	504	/	550	/	190	/	797	/	985	/	232	/	170
GRAND TOTAL	/	585	/	1346	/	230	/	1605	/	1720	/	310	/	190

PROGRAMME TARGETS/BUDGET

Region: Mwanza

Financial Year: 1991/92

Agency/Activity	Reg. Level		Mwanza		Geita		Migu		Mwimba		Ukerewe		Sengerema	
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget
COORDINATION														
-Office & Vehicles	-	22	-	118			-	148	-	120				
-Promotion	-	-	-	60			-	80	-	90				
-Study group Prog.	-	-	110	176			-	140	34	54				
-HRD	-	59	-	140			-	210	-	250				
Sub Total		81		494				578		514				
AFYA														
-VWV Training			40	80	-	20	25	50	20	58				
-Health Education			-	20	-	-	-	20	-	30				
-Sanitation			450	90	-	10	-	20	350	70				
-Water Lab. (R)			-	-	-	-	-	-	-	-				
Sub Total				190		30		90		158				
ENVIROMENTAL														
-Improv. of W/S			40	79	5	10	50	100	20	48	15	42	5	10
-Inst. Latrines			10	33	-	-	10	40	10	15	9	36	-	-
-Household RWMI			-	-	-	-	-	-	-	-	-	-	-	-
Sub Total				112		10		140		63		78		10
MAJI														
-Wells	-	-	21	250	19	190	70	747	70	775	19	232	15	170
-Piped W/S	-	-	-	200	-	-	-	-	-	-	-	-	-	-
-RWMI Institutions	-	-	-	-	-	-	2	40	1	100	-	-	-	-
-Running lorries	-	140	-	110	-	-	-	110	-	110	-	-	-	-
-Drilling (R)	24	364	-	-	-	-	-	-	-	-	-	-	-	-
-Water Lab (R)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total		504		560		190		897		985		232		170
GRAND TOTAL		585		1356		230		1705		1720		310		180

PROGRAMME TARGETS/BUDGET

Region: MARA

Financial Year: 1990/91

Agency/Activity	Reg. level		Masoma Rural		Bunda		Serengiti		Farime		Target	Budget	Target	Budget
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget				
COORDINATION														
-Office & Vehicles	-	370	-	60	-	120	-	5						
-Promotion	-	40	-	30	-	100	-	-						
-Study group Prog.	-	-	15	20	85	130	-	-						
-HRD	-	70	-	15	-	100	-	-						
Sub Total		480		125		450		5						
WVYA														
-VHW Training		30	10	18	20	35	-	-						
-Health Education		20	-	5	-	5	-	10						
-Sanitation		30	-	17	200	20	-	20						
-Water Lab. (R)		-	-	-	-	-	-	-						
Sub Total		80		40		60		30						
BEHEDELEO														
-Improv. of TWS	10	25	10	20	20	50	2	5						
-Inst. latrines	5	20	1	5	10	5	3	10						
-Household RWI	-	15	-	10	-	5	-	10						
Sub Total		60		35		60		25						
WJI														
-Wells	-	-	8	90	30	310	10	95	-	-				
-Piped W/S	-	-	1	55	1	395	1	500	2	280				
-RWI Institutions	-	-	2	10	2	10	-	-	-	-				
-Running lorries	-	110	-	-	-	100	-	-	-	-				
-Drilling (R)	-	155	-	-	-	-	-	-	-	-				
-Water Lab (R)	-	-	-	-	-	-	-	-	-	-				
Sub Total		265		155		815		595		280				
GRAND TOTAL		835		355		1385		655		280				

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PROGRAMME TARGETS/BUDGET

Regional MARA

Financial Year: 1991/92

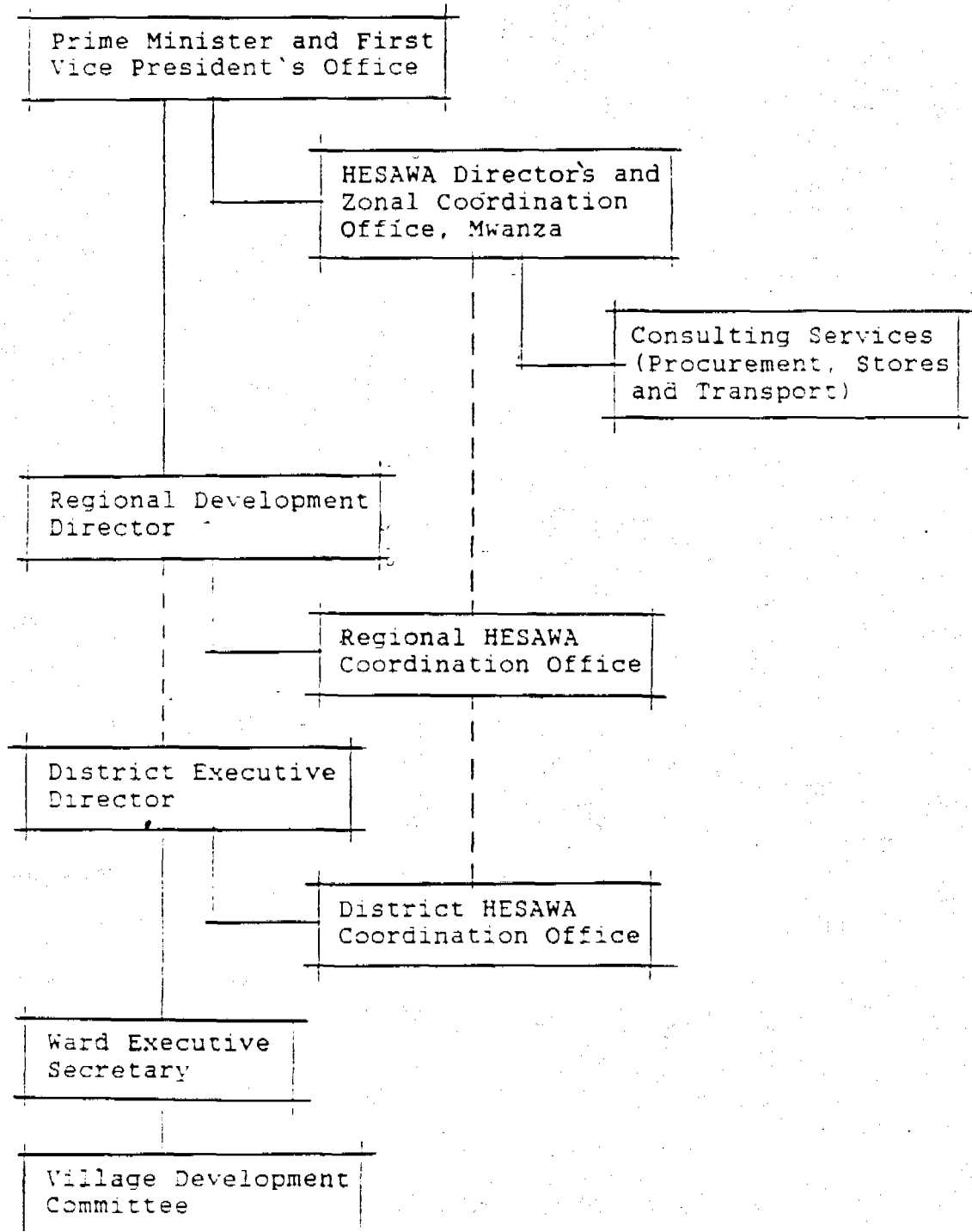
Agency/Activity	Reg. Level		Kuala Lumpur		Bunda		Serang		Kampar					
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget
COORDINATION														
-Office & Vehicles	-	370	-	80	-	180	-	80						
-Promotion	-	40	-	40	-	150	-	30						
-Study group Prog.	-	-	-	30	130	200	13	20						
-HRD	-	70	-	25	-	200	-	20						
Sub Total	/	480	/	175	/	730	/	150	/	/				
WVYA														
-VWV Training	Technical Support	30	10	18	30	53	10	20						
-Health Education		20	-	5	-	5	-	10						
-Sanitation		30	-	34	250	25	100	20						
-Water Lab. (R)		-	-	-	-	-	-	-						
Sub Total	/	80	/	57	/	83	/	50	/	/				
BEHELEO														
-Improv. of WWS	10	25	15	30	25	70	5	20						
-Inst. Latrines	5	20	5	20	20	10	3	10						
-Household RWH		15		10	2	5		10						
Sub Total	/	60	/	60	/	85	/	40	/	/				
WJJI														
-Wells	-	-	10	120	40	410	10	120	-	-				
-Piped W/S	-	-	1	500	1	895	1	500	1	300				
-RWI Institutions	-	-	2	10	2	10	2	10	-	-				
-Running lorries		110		-		100		-		-				
-Drilling (R)		155		-		-		-		-				
-Water Lab (R)		-		-		-		-		-				
Sub Total	/	265	/	630	/	1415	/	630	/	300				
GRAND TOTAL		885		922		2313		870		300				

PROGRAMME TARGETS/BUDGET

Region: MARA

Financial Year: 1992/93

Agency/Activity	Ref. Level		Lusoma Rural		Bunda		Serengeti		Tarime		Target	Budget	Target	Budget
	Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget				
COORDINATION														
-Office & Vehicles	-	370	-	100	-	180	-	80						
-Promotion	-	40	-	50	-	150	-	30						
-Study group Prog.	-	-	-	40	130	200	-	20						
-HRD	-	70	-	35	-	200	-	20						
Sub Total	/	480	/	225	/	700	/	150	/	/				
AFYA														
-VWV Training	Advisory Support	30	20	36	30	53	10	20						
-Health Education		20	-	15	-	5	-	10						
-Sanitation		30	-	51	250	25	100	20						
-Water Lab. (R)		-	-	-	-	-	-	-						
Sub Total	/	80	/	102	/	83	/	50	/	/				
BEHDELEO														
-Improv. of WWS	10	25	20	40	25	70	5	20						
-Inst. Latrines	5	20	10	40	20	10	3	10						
-Household RWH		15	-	10	2	5	-	10						
Sub Total	/	60	/	90	/	85	/	40	/	/				
WAI														
-Wells	-	-	21	252	40	410	10	120	-	-				
-Piped W/S	-	-	1	500	1	895	1	500	1	300				
-RWI Institutions	-	-	2	10	2	10	-	10	-	-				
-Running lorries	-	110	-	-	-	100	-	-	-	-				
-Drilling (R)	-	155	-	-	-	-	-	-	-	-				
-Water Lab (R)	-	-	-	-	-	-	-	-	-	-				
Sub Total	/	265	/	762	/	1415	/	630	/	300				
3 R A H D TOTAL	/	885	/	1179	/	2283	/	870	/	300				

HESAWA ORGANISATION CHART

HESAWA GUIDELINES AND STRATEGIES

- Bottom-up Approach
- Phasing in - Phasing out
- Handing over
- Cost Analysis
- Budget Manual
- Transport Guidelines
- Women Involvement
- Promotion
- HRD/Capacity Building
- Improvement of Traditional Water Sources
- Rain-Water Harvesting
- Rehabilitation of Wells
- Shallow Well Construction
- Stationary Intervention
- Drilled Tube Wells
- Rehabilitation of Piped Village Water Supplies
- Rehabilitation of Piped District Headquarters Supplies
- Construction of Piped Village Water Supplies
- Operation and Maintenance/Supply of Spares
- Water Quality Monitoring
- Sanitation Guidelines
- Village Selection Criteria
- Traditional Birth Attendants/Traditional Healers

APPENDIX 3:

TERMS OF REFERENCE

Terms of Reference for HESAWA Annual Review 1991

Place : Mwanza: Review of all the 3 HESAWA Regions and Districts.

Dar es Salaam: Finalisation and signing of the Agreed Minutes.

Time : November 5 - 16, 1991

Review Team:	SIDA	6
	Ministry of Community Development, Women Affairs and Children, etc.	3
	Ministry of Regional Administration and Local Government	1
	Planning Commission	1
	Ministry of Health	1
	Ministry of Water, Energy and Minerals	1
	Ministry of Finance	1
	RDDs and DEDs will join the Review Team	

Review Tasks:

- I. 1990/91 Annual Progress Reports and Analysis.
- II. 1991/92 First Quarter Reports.
- III. Draft Action Plans and Budgets for 1992/93.
- IV. Subject matters.

Background Material:

- Annual Progress Reports.
- First Quarter Financial and Physical Progress Reports.
- Draft action Plans and Budgets 1992/93.
- Consultant's Annual Report.

Review

- Task I. To be carried out by the Review Team through.
- Study of reports and analyses
 - briefs by RHCs and DEDs/DHCs
 - discussions with regional and district representatives.

- Task II. The Review Team will study the First Quarter Progress Reports and discuss with regional and district authorities.
- Task III. Regional and District representatives will present Draft Action Plans and Budgets for 1992/93.
- Task IV. The following subject matters will be covered by the Review Team:
- HRD Activities including the Study Group Programme.
 - Decentralization.
 - Village Planning.
 - Cost awareness and mobilization of resources.
 - Environmental Sanitation and Health Education.
 - Gender issues.
 - Transport requirements.
 - Drilling activities.
 - Audits.
 - Channelling of programme funds.

Schedule of discussions for the Annual Review

Tuesday	November 5	a.m. Arrival p.m. Review Team Meeting and Briefing on the TOR.
Wednesday	November 6	Review Mara Region and Districts
Thursday	November 7	Review Kagera Region and Districts
Friday	November 8	Review Mwanza Region and Districts
Saturday	November 9	Field visit.
Monday	November 11	Review Zonal activities and Consultant Reports.
Tuesday	November 12	Subject matters as per Review Task IV.
Monday Wednesday ✓	November 13	Finalisation of Regional and Zonal discussions and departure to DSM.
	November 14-15	Writing of Agreed Minutes. <i>Finalizing</i>

APPENDIX 4:

LISTS OF PARTICIPANTS

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

ZONAL HESAWA CO-ORDINATION OFFICE

November 5th, 1991

No.	Name	Position	
1.	M.U. Mtui	Hesawa Deputy Director	ZHCO
2.	J.D. Kizenga	Planning Officer	MCDWC/DSM
3.	T.P.N. Kyaruzi	Senior Progr Mang't Officer	ZHCO
4.	P. Brandström	Hesawa Programme Advisor	ZHCO
5.	B. Eriksson	Financial Controller	ZHCO
6.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
7.	L.H. Norvik	Programme Officer	SIDA/DSM
8.	A. Fritiofsson	Secretary	SIDA/Stockholm
9.	A.M.R. Bageni	Senior Planning Officer	NPC
10.	P.M. Rugeiyamu	Senior Principal Executive Engineer	Maji/DSM
11.	M.N. Kapella	Senior Finance Officer	Min of Finance
12.	A.H. Kisuju	Planning & Control Officer	MCDWC/DSM
13.	R.R. Mariki	Community Dev. Officer/Planning	MCDWC/DSM
14.	B.J. Munale	Senior Health Officer	Min of Health
15.	S.B. Kahitwa	Planning & Control Officer	PMO/Dodoma
16.	A. Karlsson	Consultant	A.S.K. AB

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

MARA REGION

November 6th, 1991

No.	Name	Position	
1.	G.N. Mgendi	RDD	Mara
2.	A. Lugome	RPLO	Mara
3.	F.M. Chacha	RHC	Mara
4.	G. Karlsson	RHA	Mara
5.	M.K.A. Magohe	DHC	Bunda
6.	L.M. Buremo	DED	Bunda
7.	K.M.C. Tingirawanyuma	DED	Musoma Rural
8.	D.K. Kabhate	DHC	Musoma Rural
9.	E.L. Lweyemamu	DWE/DHC	Serengeti
10.	N.S. Mungure	DED	Serengeti
11.	J.A. Mukumwa	RWE	Mara
12.	T.P.N. Kyaruzi	SPMO	ZHCO
13.	B. Eriksson	FC	ZHCO
14.	R.D. Njoki	FA	ZHCO
15.	T.M. Mtandu	AO	ZHCO
16.	P.M. Rugeiyamu	SPEE	Maji/DSM
17.	A.M.R. Bageni	SPLO	NPC
18.	S.B. Kahitwa	Planning Officer	PMO/Dodoma
19.	M.N. Kapella	SFO/Swedish Desk Officer	Min of Finance
20.	B.J. Munale	SHO	Min of Health
21.	A.H. Kisuju	PCO	MCDWC/DSM
22.	J. Nyamhanga	Ag. DED	Tarime
23.	Z.M. Kibihire	DPLO/DHCO	Tarime
24.	R.R. Mariki	CDO/Planning	MCDWC/DSM
25.	A. Fritjofsson	Secretary	SIDA/Stockholm
26.	A. Karlsson	Consultant	A.S.K. AB
27.	L.H. Norvik	Programme Officer	SIDA/DSM
28.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
29.	M.U. Mtui	HDD	ZHCO
30.	P. Brandström	HPA	ZHCO
31.	J.D. Kizenga	PCO	MCDWC/DSM

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

KAGERA REGION

November 7th, 1991

No.	Name	Position	
1.	L.H. Norvik	Programme Officer	SIDA/DSM
2.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
3.	H.H. Nyamugali	DED	Ngara DC
4.	M.U. Mtui	HDD	ZHCO
5.	P. Brandström	HPA	ZHCO
6.	G.K. Mugenyi	RHC	Kagera
7.	R. Göthe	RHA	Kagera
8.	I.M. Kaura	DPLO	Muleba DC
9.	K.D. Muganyizi	CDO	Bukoba (R)
10.	A.N. Migoha	DWE	Ngara
11.	P.M. Faiko	RHO	Kagera
12.	C. Muleke	RWE	Kagera
13.	L.N.R. Tibaitirwa	CDO	Kagera
14.	C.M. Kiberenge	DHC	Bukoba (R)
15.	Y. Abdulkarim	DHO	Muleba
16.	J. Ndyeiabara	DVHWPC	Karagwe
17.	M.M.A Tibashengwa	Ag. DED	Karagwe DC
18.	D.K. Makatu	CDO	Karagwe
19.	M.W. Mutayoba	TECH	Karagwe
20.	A. Abdallah	DWE	Bukoba (R)
21.	T.B.F. Kwatilao	DWE	Muleba
22.	J. Mutashobya	CDO	Muleba
23.	A.M. Nsubuga	DVHWPC	Bukoba (R)
24.	L.S.K. Rweyemamu	DWE	Biharamulo
25.	G.A. Nyongoli	Health Officer	Biharamulo
26.	S. Rwegoshora	Maendeleo Techn.	Biharamulo
27.	S.B. Kahitwa	Planning Officer	PMO/Dodoma
28.	M.N. Kapella	SFO	Min of Finance
29.	A.M.R. Bageni	SPLO	NPC
30.	B.J. Munale	SHO Preventive Dir.	Min of Health
31.	P.M. Rugeiyamu	SPEE	Maji/DSM
32.	J.D. Kizenga	PCO	MCDWC/DSM
33.	R.R. Mariki	CDO/Planning	MCDWC/DSM
34.	A.H. Kisuju	PCO	MCDWC/DSM
35.	A. Fritjofsson	Secretary	SIDA/Stockholm
36.	A. Karlsson	Consultant	A.S.K. AB

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

GENERAL INFORMATION MEETING

November 7th, 1991

No.	Name	Position	
1.	G.N. Mgendi	RDD	Mara
2.	J.K. Kyambwa	RDD	Mwanza
3.	J. Bjerninger	Head of Division	SIDA/Stockholm
4.	B. Granbom	Deputy Head	SIDA/DSM
5.	L.H. Norvik	Programme Officer	SIDA/Stockholm
6.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
7.	A. Fritjofsson	Secretary	SIDA/Stockholm
8.	A.H. Kisuju	PCO	MCDWC/DSM
9.	R.R. Mariki	CDO/Planning	MCDWC/DSM
10.	B.J. Munale	SHO	Min of Health
11.	G.E. Kagaruki	DED, Ag. RDD/Kagera	Biharamulo
12.	A.M.R. Bageni	SPLO	NPC
13.	S.B. Kahitwa	Planning Officer	PMO/Dodoma
14.	T. Kishenyi	DED	Ukerewe
15.	J. Nyamhanga	DED	Tarime
16.	M.M.A. Tibashengwa	Ag. DED	Karagwe DC
17.	H.H. Nyamugali	DED	Ngara
18.	L.M. Buremo	DED	Bunda
19.	N.S. Mungure	DED	Serengeti
20.	K.M.C. Tingirawanyuma	DED	Musoma (R)
21.	J.D. Kizenga	PCO	MCDWC/DSM
22.	F.M. Chacha	RHC	Mara
23.	L.S.K. Rweyemamu	DWE	Biharamulo
24.	E.L. Rweyemamu	DWE	Serengeti
25.	C.M. Kiberenge	DHC	Bukoba (R)
26.	M.N. Kapella	SFO Swedish Desk	Min of Finance
27.	P. Ngassa	Ag. DED	Magu
28.	H. Sjö	Consultant	Hifab/Stockholm
29.	E. Westerlund	RHA	Mwanza
30.	G. Karlsson	RHA	Mara
31.	R. Göthe	RHA	Kagera
32.	S.A. Masso	DED	Kwimba
33.	D.K. Kabhate	DHC	Musoma (R)
34.	I.M. Kaura	for DED	Muleba
35.	P.M. Rugeiyamu	SPEE	Maji/DSM
36.	T.P.N. Kyaruzi	SPMO	ZHCO
37.	B. Eriksson	FC	ZHCO
38.	N. Rwebangira	FA	ZHCO
39.	P. Brandström	HPA	ZHCO

No.	Name	Position	
40.	M.U. Mtui	HDD	ZHCO
41.	A. Lugome	RPLO	Mara
42.	E.E. Mahawi	RHC	Mwanza
43.	G.K. Mugenyi	RHC	Kagera
44.	J. Mgalula	DED	Geita
45.	F.L.J. Mikindo	Ag. DED	Sengerema
46.	S.S. Lweyemamu	RBC	Shihata
47.	A.K.S. Byeje	DED	Bukoba DC
48.	A. Karlsson	Consultant	A.S.K. AB

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

MWANZA REGION

November 8th, 1991

No.	Name	Position	
1.	J.K. Kyambwa	RDD	Mwanza
2.	J. Bjerninger	Head of Division	SIDA/Stockholm
3.	B. Granbom	Deputy Head	SIDA/DSM
4.	L.H. Norvik	Programme Officer	SIDA/Stockholm
5.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
6.	J. Kyambwa	RWW	Mwanza
7.	M.U. Mtui	HDD	ZHCO
8.	P. Brandström	HPA	ZHCO
9.	R.K. Sangiwa	RPLO	Mwanza
10.	M. Sadataley	HO-RVHW/RTOT	Mwanza
11.	E. Westerlund	RHA	Mwanza
12.	E.E. Mahawi	RHC	Mwanza
13.	S.N. Shoo	Maji	Mwanza
14.	B. Kagaigai	Maji	Sengerema
15.	F.L.J. Mikindo	Ag. DED	Sengerema
16.	T. Kishenyi	DED	Ukerewe
17.	E.M. Kato	DWE	Ukerewe
18.	J. Mgalula	DED	Geita
19.	F.S. Massota	DHO	Geita
20.	T.B. Madaha	DWE	Geita
21.	G.M.U. Ndabimala	DCDO	Geita
22.	I.A. Nyundo	DHC	Mza Municipal
23.	S.M. Kunaga	HO	Mza Municipal
24.	V.K. Nyonyo	MA	Mza Municipal
25.	T.S. Maganga	DHO	Ukerewe
26.	D.R. Gabriel	MA	Magu
27.	P. Ngassa	Ag. DED	Magu
28.	A.B. Dongwe	DHC	Magu
29.	R.M. Itendelebanya	DWE	Magu
30.	S. Kihemba	Tech Maji	Magu
31.	O.T. Maserele	ZDI Maji	Mwanza
32.	S. Ntomola	RTOT Afya	Mwanza
33.	M.A. Masonga	Ag DPLO	Sengerema
34.	F. Massawe	Hydrogeologist	Mwanza Reg.
35.	N. Mbakile	DPO/Magu	BCS
36.	R. Mdalami	DCDO	Magu
37.	L.K. Jephuter	Tech s/w i/c	Magu
38.	J.K. Bundala	Maendeleo Techn (civil)	Magu
39.	J.M. Magai	Maendeleo Techn	Magu

No.	Name	Position	
40.	A.S. Bigambo	PLO	Magu
41.	V.S.S. Seibulu	Ag. RHO	Mwanza
42.	M.K.K. Vitta	WLT	Mwanza
43.	J.A. Mwakasege	Ag. DCDO	Ukerewe
44.	S.A. Masso	DED	Kwimba
45.	T.P.N. Kyaruzi	SPMO	ZHCO
46.	B. Eriksson	FC	ZHCO
47.	H. Sjö	Representative	Hifab/Stockholm
48.	S.O. Walleräng	RHA	Mwanza
49.	R.D. Njoki	FA	ZHCO
50.	E. Lyinga	RHAccountant	Mwanza Reg.
51.	S.B. Kahitwa	Planning Officer	PMO/Dodoma
52.	M.N. Kapella	SFO Swedish Desk	Min of Finance
53.	A.M.R. Bageni	SPLO	NPC
54.	B.J. Munale	SHO	Min of Health
55.	P.M. Rugeiyamu	SPEE	Maji/DSM
56.	J.D. Kizenga	PCO	MCDWC/DSM
57.	R.R. Mariki	CDO/Planning	MCDWC/DSM
58.	A. Fritjofsson	Secretary	SIDA/Stockholm
59.	J. Kaswezi	Journalist SHIHATA	Mwanza
60.	C.N. Gisema	DHO	Sengerema
61.	A. Karlsson	Consultant	A.S.K. AB

1991 HESAWA JOINT REVIEW - LIST OF PARTICIPANTS

ZONAL HESAWA CO-ORDINATION OFFICE

November 11th, 1991

No.	Name	Position	
1.	B. Granbom	Deputy Head	SIDA/DSM
2.	A. Fritiofsson	Secretary	SIDA/Stockholm
3.	A.M.R. Bageni	Senior Planning Officer	NPC
4.	B.J. Munale	Senior Health Officer	Min of Health
5.	S.B. Kahitwa	Planning Officer	PMO/Dodoma
6.	J.D. Kizenga	Planning Officer	MCDWC/DSM
7.	E.S. Mwasha	Health Advisor	AMREF
8.	M.N. Kapella	SFO Swedish Desk	Min of Finance
9.	T.P.N. Kyaruzi	SPMO	ZHCO
10.	B. Eriksson	FC	ZHCO
11.	R.S. Nyawawa	Director	BCS
12.	P. Brandström	HPA	ZHCO
13.	M.U. Mtui	HDD	ZHCO
14.	J. Bjerninger	Head of Division	SIDA/Stockholm
15.	M. Sundgren	Senior Programme Officer	SIDA/Stockholm
16.	L.H. Norvik	Programme Officer	SIDA/DSM
17.	A. Karlsson	Consultant	A.S.K. AB
18.	H. Sjö	Representative	Hifab/Stockholm
19.	B. Hultberg	Hesawa LO	LO/DSM
20.	L. Martinsen	STM	Hesawa CD/Store
21.	R.R. Mariki	CDO/Planning	MCDWC/DSM
22.	T.M. Mtandu	Administrative Officer	BCS
23.	P.M. Rugeiyamu	SPEE	Maji/DSM
24.	T.M.J. Itule	CPLO	ZHCO
25.	D. Binamungu	ZTO	ZHCO
26.	A.H. Kisuju	PCO	MCDWC/DSM
27.	E.E. Mahawi	RHC	Mwanza
28.	F.M. Chacha	RHC	Mara
29.	G.K. Mugenyi	RHC	Kagera
30.	E. Westerlund	RHA	Mwanza
31.	J.G. Bilinzozi	ZHSE	Mwanza

APPENDIX 5:

BUDGET FOLLOW UP -HESAWA 1990/1991

S I D A
Infrastrukturbyrån
M Sundgren

PROMEMORIA

1

1991-10-22

Dossier

1 TAN 32.15

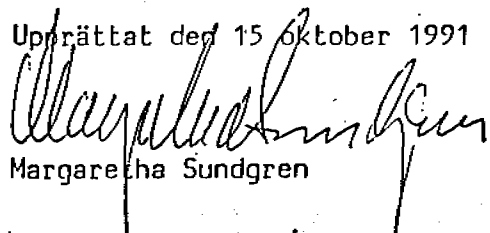
Budget follow up - HESAWA 1990/91

<u>Activity</u>	<u>Budget</u>	<u>Utilized</u>
Technical Assistance	800	638
Short-Term Consultancies	1.000	266
Planning Reserve	7.300	2.659
AMREF	500	462
Hifab	6.500	6.059
Implementation	21.900	21.291
TOTALT	38.000	31.375

SIDA/INFRA/Vattensektionen
M Sundgren

EKONOMISK ÖVERSIKT FÖR VATTENPROGRAMMET I TANZANIA

	Gällande totalbudget 90/91-92/93	Planerad års- budget föreg år 1990/91	Utfall 1990/91	Planerad budget innevarande år 1991/92	Utfall 910701-911015	Eventuella kommentarer
1. HESAWA	114	38	31.4	38	4.1	
2. WRI	6	2	2.1	2	-	Inkl carry over
TOTALT	120	40	33.5	40	4.1	

Upprättat den 15 oktober 1991

Margaretha Sundgren

APPENDIX 6:

PLAN OF ACTION FOR WOMEN ORIENTED

DEVELOPMENT ASSISTANCE

PLAN OF ACTION FOR WOMEN ORIENTED DEVELOPMENT ASSISTANCE

Rural Water Supplies Sector

<u>Activities</u>	<u>1991/92</u>	<u>1992/93</u>
Promotion Programme where HESAWA is introduced to prepare women for active participation	Ongoing within general sector support	
Half of the village committee members be women	"	"
Village Health Workers 1 woman and 1 man in each village	"	"
Study Group leaders 1 woman and 1 man alternate every year	"	"
Evaluation of women's role in HESAWA	Women's Funds	
Development of Buhare Training Centre 1)	Women's Funds	
Follow-up of Bunda workshop		Sector support

1) This is related to the Curriculum development support. Proposal awaiting government commitment

During 1991/92 a Development of a HESAWA course in gender issues has been carried out. The proposed course file will be tested and evaluated during the coming year.