

824-GHEA91

INTERNATIONAL WATER CENTRE
FOR RURAL WATER SUPPLY AND
SANITATION

**1991 Annual Report on Rural Water and Sanitation Project
in the Eastern Region of Ghana (GHA/88/017)**

Prepared by
Project Management Team

Koforidua - Ghana

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1.0. INTRODUCTION

The Community based Rural Water supply and Sanitation Project in the Eastern Region of Ghana (GHA/88/017) is being funded externally with an amount of \$ 1,978,050 (one million, nine hundred and seventy-eight thousand and fifty dollars) by The Netherlands Government and the United Nations Development Programme (UNDP) on cost-sharing basis. The Ghana Government is expected to contribute an amount of Cedis 340,570,000 (three hundred and forty million, five hundred and seventy thousand cedis).

The project, designed to address the inadequate water supply and sanitation in 5 (five) districts in the Eastern Region has its main objectives, the following:

- a) Construction of 300 boreholes fitted with hand-pumps.
- b) Provision of 750 ventilated improved pit (VIP) latrines.
- c) Community involvement including women in the planning and implementation of rural water supply schemes in the localities.
- d) Trained villagers and officials of cooperating agencies in selected aspects in the management and maintenance of rural water supply and sanitation.
- e) An established system for maintenance of hand pumps with community involvement.
- f) An operative system of cost-recovering with consumer support.

The purpose of this report is to indicate project activities since the assumption of duty by the Project Coordinator on 17~~th~~ September 1991.

2.0. Temporary Location of Project ^aterm in Accra

2.1. Orientation at UNDP and GWSC

The Project Coordinator, Mr. F.M. Dotse, assumed duty in Accra on 17~~th~~ September 1991. The Community Development and Health Education Specialist, Mr. Nii Odai Laryea, also assumed duty in Accra on 4~~th~~ November, 1991.

During the initial period of his assumption of duty in Accra, the Project Coordinator participated in an orientation programme at the UNDP organised for him by Ms. Henriette Keijzers of UNDP. A similar programme was organised for him by the Ghana Water and Sewerage Corporation (GWSC).

2.2. Procurement of Inputs for the Project

Being the commencement stage of this project, the need to procure vital inputs for the project was determined. In this connection, steps were initiated by the Project Coordinator and UNDP to procure two vehicles, (a Nissan Patrol and a Suzuki Vitara)

One of the vehicles, a Suzuki Vitara has been delivered to the project team.

In response to a request from the project team, UNDP has consented to the purchase of one personal computer, one photocopier and three air-conditioners for the project.

As part of its contribution, the Ghana Government has renovated and furnished the office earmarked for the project.

2.3. Familiarisation visits to Hohoe and Jasikan Districts

As a way of exposing the project team to issues on similar rural water supply and sanitation projects in the country, the Project Coordinator paid visits to Hohoe and Jasikan Districts in the Volta Region between 13th and 22nd October 1991. The purpose of the visit was to acquaint him with the problems inherent in the implementation of the UNDP-sponsored Water and Sanitation Management Project (GHA/88/003) being executed in the two districts. During the visit, discussions were held with the District Secretaries, District Administrative Officers, Members of the District Project Management Committee and ^{the} Village Water and Sanitation Committee in both districts. These discussions led to the generation of useful ideas which could be adopted in the implementation of our project.

2.4. Status Report on Drilling Rigs of GWSC

According to the project document, drilling is to be undertaken by the drilling unit of GWSC. In this connection, an amount of \$250,000.00 (two hundred and fifty thousand dollars) has been earmarked in the budget for the rehabilitation of the rigs. However, prior to the commencement of undertaking the repair of the rigs and the consequent drilling of the wells, the project team, in October 1991, commissioned a local consultant, Dr. Kpodo of the University of Science and Technology, Kumasi to prepare status report on the GWSC drilling rigs to determine the economic and technical feasibility of their rehabilitation. To ensure speedy execution of the assignment by the local consultant, the Project Coordinator paid a two-day working visit to Kumasi and held discussions with the consultant. The signals from the discussions were not clear as to whether the rigs would be worth rehabilitation or not. The report of the consultant is ~~to~~ to be submitted to the project team for consideration. Given the lack of clarity from the indications given by the consultant, the project team is prepared for the two scenarios of feasibility and non-feasibility of rehabilitation.

Should the report of the consultant indicate the non-feasibility of repairing the rigs, the project team would have to seek the views of both the Ghana Government and UNDP on the course of action to be taken.

It is pertinent to state that an implication of the non-feasibility of rehabilitating the rigs, is that the project team would have to contact a private drilling company to undertake the drillings in place of GWSC. This means that the amount of money available to the project for drilling activities (about \$ 1.2 million) would be inadequate to support the drilling of 300 boreholes, at best 120 boreholes would be drilled. Additionally, drilling would not continue up to the 1,000 boreholes for the Eastern Region as envisaged under the project. The reduction in the number of boreholes to be sunk during and after the project would consequently affect programme delivery and militate against the overall aim of improving the quality of life of rural dwellers in the beneficiary districts.

3.0. Permanent Location of Project team in Koforidua

The project team which was temporarily based in Accra, moved permanently to Koforidua, the capital of the Eastern Region on 12~~th~~ November 1991 and commenced activities from there.

3-1. Reconnaissance visits to beneficiary districts

The project team, between 13~~th~~ and 15~~th~~ November undertook a rapid three-day reconnaissance visit to the capitals of 4 (four) of the beneficiary districts and held discussions with District Secretaries, District Administrative Officers and District Community Development Officers with a view to obtaining information on the state of water supply ~~information on the state of water supply~~ and sanitation in the districts.

3-2. Discussions with a visiting official of the Ministry of Foreign Affairs

The Project Coordinator held discussions in Accra, on 25~~th~~ November ¹⁹⁹¹ with visiting official of the Netherlands Ministry of Foreign Affairs. During the discussions, the Project Coordinator briefly presented a status report on the project and some anticipated problems likely to emerge in implementation.

3-3. Commencement of Socio-economic survey in districts

The project team, with effect from 8~~th~~ December ¹⁹⁹¹, commenced socio-economic surveys of the beneficiary districts to obtain information on:

- * Location
- * Population
- * Leadership
- * Ethnic and community groups
- * Type of source(s) of water
- * Distance to source(s) during wet and dry seasons
- * Community interest
- * Health status of community.

Surveys were conducted in the Birim North District between 8th and 13th December¹⁹⁹¹ and in the Birim South District from 18th to 21st December¹⁹⁹¹. In addition to the surveys, the project team has also started reviewing the following documents:

- GWSC 6000 drilled well programme
- List of target communities of GWSC drilled wells programme.
- GWSC hydrological evaluation report on 3000 drilled well programme.

The objective of the surveys and the review of the relevant material is to facilitate the prioritization of the communities for participation in the project.

4.0 Institutional arrangements for project implementation

The following institutional arrangements would support the core project team in project implementation.

4-1 Regional Project Steering Committee

Composition

- (a) Regional Administrative Officer - Chairman
- (b) Regional Director, GWSC - Member
- (c) Regional Director, Department of Community Development (DCD) - Member
- (d) Regional Director, Medical Services (MOH) - Member
- (e) Regional Secretary, National Council on Women and Development (NCWD) - Member
- (f) Regional Organizer, 31st December Women's Movement (31st DWM) - Member
- (g) Regional Economic Planning Officer - Member
- (h) Regional Coordinator, National Service Secretariat (NSS) - Member
- (i) Representative of UNDP - Member
- (j) Resident Coordinator, World Bank Rural Water and Sanitation Groups in Ghana - Member
- (k) Director, (IERD) Ministry of Finance and Economic Planning - Member
- (l) Project Coordinator, Rural Water Supply and Sanitation (RWSS) Eastern Region - Member
- (m) Community Development/Health Education Specialist (RWSS) - Member

4.2 District (Project) Management Committee

Composition

- (a) Chairman, Technical Infrastructure Sub-committee of the District Assembly - Chairman
- (b) Chairman, Social Services Sub-committee of the District Assembly - Member

- (c) District Administrative Officer - Member
- (d) District Head, DCD - Member
- (e) District Head, MOH (Environmental Health Division) - Member
- (f) District Manager, GWSC - Member
- (g) District Secretary NCWD - Member
- (h) District Organizer, 31st DWM - Member.

4.3 District Extension Team

Composition

- (a) Representative of MOH (Environmental Health - Member
- (b) Representative of DCD - Member
- (c) Representative of GWSC - Member
- (d) Representative of NCWD/31st DWM - Member

4.4 Village/Community Water and Sanitation Committee

Composition

- (a) Representative of Chief village/community - Member
- (b) Representative of Unit Committee - Member
- (c) Two Representative^s of Women - Member
- (d) Assemblyman/woman for village/community - Member

The functions of these committees are yet to be crystalized.

The start-up meeting for the project and the inauguration of the Regional Project Steering Committee of the project took place on 17th December, 1991.

5.0 Work Programme

To ensure effectiveness and timeliness in programme ddelivery, the project team has prepared a work programme of activities for the period October 1991 to April 1992. The work programme covering the entire project duration of 4 (four) years is expected to be crystalized by the early part of 1992.

The work plan for the period October 1991 to April 1992 is detailed below:

| Immediate Objective | Output | Activity | Responsibility | Time Frame |
|----------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-----------------------|
| 1.0. To secure foundation for the commencement of the project activities in the field. | 1.1 To obtain an office and resources for the project. | 1.1.1 Liaise with UNDP, MFEP and GWSC for the procurement of resources. | Project Mgt., UNDP, MFEP and GWSC | Oct 1991 to Jan. 1992 |
| | | 1.1.2. Liaise | | |

| | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| | | with GWSC for the renovation of an office | | |
| 2.0. To establish Community Management System for rural water supply and sanitation and install water points in participating villages in selected districts in Eastern Region | 2.1.A detailed work-plan | 2.1.1. Reconnaissance visits to similar projects outside the Eastern Region and to participating districts in the Eastern Region. | Project Management | Oct. 1991 Nov. 1991 and March 1992. |
| | | 2.1.2 Determine the technical and economic feasibility of rehabilitating drilling rigs of GWSC | Project Mgt. GWSC Local Consultants. | Nov-Dec 1991 |
| | | 2.1.3. Assignment of staff from from DCD, Mott, NCWD, GWSC, 31st DWM at both regional and district levels | Molt, DCD 31st DWM, NCWD, GWSC Project Mgt. | Nov-Dec 1991 |
| 2.2. Surveying and prioritization of villages for participation in project. | | 2.2.1 Review of relevant existing information on districts and villages under consideration. | Project Mgt. | Dec 1991- Jan 1992 |
| | | 2.2.2. Survey villages in selected districts with a view to ob- | Project Mgt. | Dec 1991- Jan 1992 |

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taining in-
formation on

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-location
-population
-leadership
-ethnic and
community
groups
-types of
water sou-
rce(s)
-community
groups
-distance to
water sou-
rce(s)
-community
interest
-health
-status

| 2.2.3. Orien- | Project Mgt. | Feb. 1992
tation work-
shop at the
Regional
level

| 2.2.4. Orien- | Project Mgt. | Feb. 1992
tation work-
shop at the
District
level to fa-
milairise
authorities
and community
leaders

| 2.2.5. Prio- | Project Mgt. | February-
ritize commu- | Districts | March
nities for | | 1992
mobilization
and obtain
approval of
local autho-
rities.

2.2.6. Con- | Project Mgt. | March -
duct geophy- | Local | April
sical survey | Consultants | 1992
of the selec-
ted districts
generally and
the communi-

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ties specifically, suitability

bility of hand drilled and machine drilled boreholes as well as surface sources, evaluate potential yield of sources and water quality.

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|
| <p>2.2.7. Document the roles of district, regional and national government, NGO's and private sector in the provision of rural water and sanitation.</p> | <p>Project Mgt. GWSC</p> | <p>January - April 1992</p> |
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