

October 31, 2013



Agreement Officer Representative, USAID

Subject: Quarterly Report for Cooperative Agreement No. EPP-A-00-09-00014—Ghana – Water Access, Sanitation and Hygiene for the Urban Poor (Wash-Up)

Dear ,

On behalf of Global Communities I am pleased to submit our quarterly report for the above mentioned agreement. This report summarizes activities undertaken from July 1, 2013 – September 30, 2013.

Please do not hesitate to contact me or our Program Manager should you have any questions.

Sincerely,

International Operations

Cc: USAID  
Country Director, Global Communities/Ghana  
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## WASH-UP Fourth Quarter Report

**Program Name/Acronym: Water Access, Sanitation and Hygiene for Urban Poor (WASH-UP)**

**Country: Ghana**

**Donor: USAID**

**Award Number/Symbol: EPP-A-00-09-00014**

**Reporting Period: July 1, 2013 – September 30, 2013**

**Submitted To: AOR / USAID West-Africa**

**Submitted By: Director, International Programs**



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**Global Communities**  
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<b>Name of Project</b>	Water Access, Sanitation and Hygiene for Urban Poor (WASH-UP) Project
<b>Country and regions</b>	Ghana, Greater Accra Region and Western Region
<b>Donor</b>	United States Agency for International Development
<b>Award number/symbol</b>	EPP-A-00-09-00014
<b>Start and end date of project</b>	October 2012-September 2015
<b>Total estimated federal funding</b>	US\$ 9,168,660
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## Acronyms and Abbreviations

AMA	Accra Metropolitan Assembly
BCC	Behavior Change Communication
BDS	Business Development Services
CHF	CHF International
CLTS	Community-Led Total Sanitation
GWCL	Ghana Water Company Limited
LNGO	Local Non – Governmental Organization
MFI	Microfinance Institution
NGO	Non-Governmental Organization
RCN	Resource Centre Network
STMA	Sekondi-Takoradi Metropolitan Assembly
USAID	United States Agency for International Development
WASH	Water, Sanitation and Hygiene
WASH-UP	Water Access, Sanitation and Hygiene for Urban Poor
WATSAN	Water and Sanitation
WST	Water and Sanitation Team
WSC	Water and Sanitation Committee

## Executive Summary

Against a backdrop of a majority of poor urban residents not having access to improved sanitation and the slow pace of the realization of the millennium development goals related to water and sanitation, and in line with the revised national environment health sanitation policy, the Water Access, Sanitation and Hygiene for Urban Poor (WASH-UP) Project was developed. It sought to bring relief to residents of 5 slums through interventions in the area of water and sanitation and reinforcing hygiene behavior change messaging, to promote proper hygiene behaviors in the communities. Specifically, WASH-UP was designed to:

- Increase household access to affordable, improved, and sustainable drinking water
- Increase household access to improved and sustainable sanitation facilities
- Promote innovative economic enterprises in the areas of water and sanitation
- Improve hygiene and sanitation behaviors among the urban poor
- Strengthen local governance for water supply, sanitation service, and hygiene promotion

WASH-UP continued to work with local government and its sub-structures, community members, local non-governmental organizations and other stakeholders. Two national strategies aimed at improving the sector were disseminated in the quarter under review. In accordance with the strategies, Water and Sanitation Committees were trained in effectively playing their assigned roles to ensure the delivery of adequate and reliable WASH services in their communities.

In the area of water provision, extension of GWCL water mains to La and Assakae communities are ongoing under the supervision of Engineers from GWCL and expected to be completed in October 2013. In the subsequent quarters of the project implementation, more households have been better positioned to connect water at a cheaper cost than they would have without the extensions. In Ntankoful, five boreholes were drilled as part of efforts in establishing high yielding borehole water source/s for provision of a community-managed water scheme/s to provide residents with safe, affordable and reliable water supply. In the next quarter, a consultant will be engaged to assist with the development of the water scheme/s for the Ntankoful community.

Latrines of various technologies have been constructed to provide improved sanitation to households in the project communities. Though the demand has not been as high as expected, continued sensitization through the behavior change component and increased economic opportunities provided under the WATSAN businesses development component should result in putting households in a position to afford household latrines as well as appreciate the cost-savings it presents. School sanitation improvements have been started with designs completed. Procurement of a contractor to execute the works is ongoing.

The underpinning activity of behavior change messaging continued in the quarter. Workplaces, worship centers, schools and house-to-house education served as the approach to ensure residents of project communities exhibit proper hygiene behavior including hand washing under running water, using latrines hygienically, maintaining household latrines, safe food handling and general environmental cleanliness.

## Introduction

The Water Access, Sanitation and Hygiene for Urban Poor (WASH-UP) Project is fashioned to respond to dire water and sanitation situations in selected poor urban communities in the Accra and Sekondi-Takoradi Metropolises. It sought to bring relief to residents of 5 slum communities through interventions in the area of water and sanitation and reinforcing hygiene behavior change messaging to promote proper hygiene behaviors in the communities. After three years of implementing WASH-UP, due largely to demands from project communities, it was deemed necessary to continue the project and scale up interventions to significantly improve conditions in the communities. Consequently, WASH-UP (phase II) was designed retaining the original overarching goal of increased equitable access to improved water supply and basic sanitation for poor urban communities in Ghana by improving water supply and sanitation infrastructure, behavior, and governance. However, the beneficiary communities were increased to 9 communities, which included the original five with additional communities having 1 in Accra Metropolis, 1 in La Municipality and 2 in Sekondi-Takoradi Metropolis.

To accomplish the afore-mentioned goal, Global Communities is utilizing a community-driven approach involving a broad range of stakeholders to address critical gaps in availability and access to water and sanitation services for the urban poor. WASH-UP is now working to improve services in nine poor urban settlements; five within the Accra Metropolis and four in Sekondi-Takoradi. The objectives of the WASH-UP II project are same as WASH-UP I as follows:

- Increase household access to affordable, improved, and sustainable drinking water supply
- Increase household access to improved and sustainable sanitation facilities
- Promote innovative economic enterprises in the areas of water and sanitation
- Improve hygiene and sanitation behaviors among the urban poor
- Strengthen local governance for water supply, sanitation service, and hygiene promotion

This report covers the fourth quarter of implementation and outlines progress towards reaching the various deliverables under the project. Efforts continue to be targeted at La Abafum-Kowe-Abes, Nima West, Ntankfoul and Assakae with some activities also in Nima East, Avenor, Kojokrom and New Takoradi.

## Implementation Activities by Program Objective and Expected Results

To lead to the achievement of the overall goal of increased equitable access to improved water supply and basic sanitation for poor urban communities in Ghana by improving water supply and sanitation infrastructure, behavior, and governance, the project set up objectives and targets as benchmarks to guide implementation. The objectives as drawn from the overarching goal are to:

- *Increase household access to affordable, improved, and sustainable drinking water supply*
- *Increase household access to improved and sustainable sanitation facilities*
- *Promote innovative economic enterprises in the areas of water and sanitation*
- *Improve hygiene and sanitation behaviors among the urban poor*
- *Strengthen local governance for water supply, sanitation service, and hygiene promotion*

These objectives were translated in to components as action areas, with specific activities which are detailed out in the project implementation plan. The 5 components of WASH-UP and their expected results are outlined hereafter.

### WATER

This component seeks to continue expanding improved water supply coverage to communities and households through individual house connections and public water points. To realize the results under this component, WASH-UP II will work closely with LNGOs and WSCs in the various project communities to mobilize households to access the facilities provided under the project. By the close of the project, the following are expected.

- *Slum communities to have an additional 10km of water mains extended into their communities*
- *1424 households will benefit from house (yard) water connections as a result of lower connection costs due to mains extensions into their communities*
- *1500 people will be benefiting from public water kiosks and limited reticulated borehole source water schemes established in their communities. These are people who might not be able to connect water to their houses and areas where water mains extension and for that matter house water connection are not feasible.*

### SANITATION

Efforts under this component focus on increasing household access to improved sanitation, which will be household based rather than communal facilities for health and management reasons. Communal sanitation will also be tackled especially in schools to increase access of school children to safe sanitation away from the home. The objective will also look at improving solid waste management in the communities and continue to reduce areas exposed to flooding through varied strategies. These among others are steps towards making the program a comprehensive one to reduce environmental health-related diseases and improve sanitary conditions. At the close of the project, efforts under the sanitation component are expected to result in:

- *400 households having access to improved sanitation through provision of 400 household latrines*
- *Improved school sanitation in basic schools in project communities through construction of latrines*
- *Reduced incidence of flooding in Avenor due to the construction of 2,000m of secondary and tertiary drains in the community.*

## **BUSINESS DEVELOPMENT SERVICES**

At the core of the business development component is the support and establishment of small-scale private enterprises engaged in innovative water and sanitation activities. The aim is to support private initiatives in meeting local demand for water and sanitation services for the urban poor in a better and more affordable way. The component also looks at supporting households with micro-credit to access household water and sanitation facilities. This component also offers mentoring to the WSCs in operating and managing public facilities provided under the project. This component sees the economic opportunities that are inherent in poor urban communities with dense populations and largely underserved.

## **BEHAVIOUR CHANGE COMMUNICATION**

This objective is to use Behavior Change Communication (BCC) to improve hygiene and sanitation behaviors by focusing on decreasing open defecation, encouraging proper waste disposal and increasing hand washing with soap at five critical times through a number of strategies. BCC will work to increase household use of improved toilet facilities provided through WASH UP intervention. Building household level capacity to improve environmental sanitation and decrease disposal of solid waste into wastewater drainage systems. The team will work with Private and Public Partners such as Ghana Health Services, Ghana Education Service through the School Health Education Project, Department of Environmental Health as well as CBOs, and Local NGOs to increase hand washing with soap at five critical times, particularly by key population groups such as mothers with babies and children of school-going age. Overall, the component aims to reach over 63,000 people in all 9 project communities.

## **CAPACITY BUILDING AND GOVERNANCE**

Activities under this component seek to improve water and sanitation governance through local urban water and sanitation planning process using participatory approaches. In this regard, capacities will be built at the local level to plan for local interventions in water and sanitation as well as manage the existing facilities. Technical and organizational skills capacity building is also envisaged for Ghana Water Company; the main urban water service provider to deliver water services to the urban poor.

Objective 5 underpins all the above objectives as it seeks to improve water and sanitation governance through local urban water and sanitation planning processes using participatory approaches. It is working to expand the capacity of communities and CBOs to identify local water and sanitation needs and manage resources. Here we also work with Water and Sanitation Committees, Sub-Metro Water and Sanitation Teams building technical and organizational skills as well as building the capacity of Ghana Water Company, the main urban water service provider to deliver water services to the urban poor.

## Progress Report by Program Objective or Result Areas

Overall, progress towards the realization of project objectives picked up in the quarter with a lot of necessary preparatory works. Performance is varied with remarkable achievement in components one (water supply) and three (*hygiene and sanitation promotion*). Significant work has been done in capacity building and governance to put in the community structures to support project implementation and execution of specific activities.

### Component One: Water Supply

In the reporting quarter, the water mains extensions in La Abafum-Kowe-Abese and Assakae were completed, altogether laying some 6,350 meters of pipe. Having completed the extensions, processing of applicants is expected to speed up as actual estimates can now be done by Ghana Water Company Limited.

With respect to the provision of borehole source water scheme/s to Ntankoful where the water mains extension works was not feasible, the borehole water source/s was established in the quarter under review. The request for proposal to select a consultant for design and construction supervision for the development of the Ntankoful water scheme/s would be launched in the next quarter.

The table below summarizes work done in the 4<sup>th</sup> Quarter

ITEM	ACHIEVED THIS QUARTER
<b>Water Mains extension</b>	2.5 km laid in La Abafum-Kowe-Abese and 3.85 km in Assakae
<b>House/yard connections</b>	No connections done, GWCL processing applications received to date.
<b>Vending Points</b>	Construction of platform for one ongoing.
<b>Borehole Source Piped Scheme</b>	Water quality tests and yields assessment completed.

### Component Two: Improved Sanitation



In the fourth quarter, 19 latrines were completed and 23 others were ongoing. Latrine technologies which are being promoted include the water closet, KVIP and pour-flush, all based on technical site conditions, and preference of households.

More household latrines are under construction in all project communities, which are expected to be completed in the next reporting period. Further, additional households are being processed by the BDS partner and are expected to qualify for micro-loans to finance construction of their household latrines.

Additionally, procurement document was prepared to be used for the engagement of a competent organization to undertake the proposed school sanitation improvement in La, based on the Biofil Technology. The school latrines are expected to be girl-child friendly and efficient in the use of water.

Works continued on the Avenor Drains in the reporting period. Within this time frame, 486 m out of 570 m of drainage channel was constructed. A total of 109m of various sections of the drainage channel was covered with slabs being walkways.

A summary of progress in the sanitation component is presented below.

ITEM	ACHIEVED THIS QUARTER
<b>Household latrine construction</b>	19 latrines completed, 23 others are ongoing.
<b>Storm drainage works</b>	Drainage improvement works continued; 486m done in the quarter
<b>School sanitation improvement</b>	Request for Proposals for Design and Construction of Biofil Latrines drafted

### Component Three: Hygiene and Sanitation Promotion (Behavior Change Communication)

As an underpinning component, Behavior change communication continued in the fourth quarter. Hygiene education was done at markets, clinics and worship centers with the help of a new hand washing poster and flyers, which depict proper hand washing technique and the minimum acceptable duration of hand-washing. Relatedly, preparatory work on the mass media campaign also continued with a media house. WASH-UP is developing short animated series on dangers associated with poor hygiene and promoting proper hand-washing.



In partnership with the School Health Education Project (SHEP), a training session was held for School Health Coordinators to equip them to better run school health activities. This has become necessary to ensure WASH issues in schools remain in focus and receive adequate attention.

A community-based theatre group was also trained in interactive drama to help in the intensification of BCC messaging in the communities. The La Community based group will consequently perform in project communities, highlighting hygiene issues.

A sketch by the drama group

The community-led clean-ups continued throughout the reporting period especially in the new communities led by the Water and Sanitation Committees in La, Assakae and Ntankoful.

The following is a summary of achievement in the quarter.

ITEM	ACHIEVED THIS QUARTER
<b>Hygiene education</b>	Community, Market, health center and worship center education was done
<b>BCC education in schools</b>	Training of 17 school health coordinators in hygiene promotion in schools.
<b>Community-led clean-ups</b>	5 Clean-up campaigns organized; 4 in Sekondi-Takoradi and 1 in Accra

## Component Four: Business Development Services

Under the component, trainings have been carried out for existing and new entrepreneurs engaged in water and sanitation related businesses. So far 17 new businesses have been started in the communities as a result of such trainings and business loans granted by Boafu Microfinance Services Ltd., the business development services partner. An additional 186 existing businesses were supported. To aid household unable to raise their contributions towards the construction of household latrines or house/yard connections, 24 loans were granted by the partner. These loan beneficiaries have their latrines/water connections at various levels of completion.

The following is a summary of achievement in the fourth quarter.

ITEM	ACHIEVED THIS QUARTER
# of private new water related enterprises established	17
# of new private Water-related enterprises owned and managed by women	16
# of existing private water enterprises supported	186
# of existing private sanitation enterprises supported	1
# of WATSAN related micro enterprise loans granted	17
# of new private enterprises engaged in sanitation activities established	0
# of households granted loans to acquire household toilets and water connections	24
# of new enterprises trained on business management	233

## Component Five: Capacity Building and Governance



In the fourth quarter, WASH-UP facilitated the dissemination of two national strategies formulated under the first phase of the project in collaboration with relevant directorates under the Ministry of Water resources, Works and Housing and Ministry of Local Government and Rural Development. The dissemination workshops were held in partnership with Resource Centre Network (RCN). Key participants in the dissemination workshops included Ministry of Water Resources, Works and Housing, SNV, WaterAid, UNICEF, CWSA, GWCL, Coalition of NGOs in Water and Sanitation (CONIWAS) and Municipal/Metropolitan Assemblies across the country.

Training in governance, and operation and management of public water and sanitation facilities was undertaken for all the water and sanitation committees under the project. It was an opportunity to share best practices and lessons for the WSCs and is intended to improve upon their functioning as a body.

# Project Management

## New developments impacting implementation

Low yield levels of the first two boreholes drilled in Ntankoful meant more hydrogeological exploration had to be carried out in search of sites to be drilled for high yielding boreholes. This development subsequently delayed the development process of the Ntankoful water scheme/s. However, having completed drilling of three additional boreholes one of which gave a good yield of 210 l/m, with the remaining boreholes with unimpressive yields ranging 20-30l/m it is evident that from the pool of five boreholes, a technical consultant can help in the development of an optimized water scheme/s to provide safe and potable water supplies to the residents of Ntankoful.

## Key achievement this quarter

Within the quarter, the completion of water mains extensions in La and Assakae can be singled out as a major achievement, owing to its importance in making it possible for households to connect to the Ghana Water Company lines much more easily and relatively cheaper.

Maps of the extensions are presented in Appendix A.

## Actions and items pending resolution

Not applicable in this quarter.

# Annexes

## Annex A: Pipe Extensions



