

*IN THE THIRD SESSION OF THE SEVENTH PARLIAMENT OF THE FOURTH
REPUBLIC OF GHANA*



REPORT OF THE FINANCE COMMITTEE

ON THE

- i. **UNITED KINGDOM EXPORT FINANCE (UKEF) FACILITY AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF GHANA (REPRESENTED BY THE MINISTRY OF FINANCE) AND HSBC BANK PLC (FACILITY AGENT AND ARRANGER) FOR AN AMOUNT OF THIRTY-ONE MILLION, FIVE HUNDRED THOUSAND EUROS (€31,500,000.00)**

AND

- ii. **LOAN FACILITY AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF GHANA (REPRESENTED BY THE MINISTRY OF FINANCE) AND HSBC BANK PLC (AS FACILITY AGENT AND ARRANGER) FOR AN AMOUNT OF FOUR MILLION, FIVE HUNDRED THOUSAND EUROS (€4,500,000.00)**

**TO FINANCE THE IMPLEMENTATION OF THE
RURAL COMMUNITIES AND SMALL TOWNS
WATER SUPPLY PROJECT**

JUNE 2019

1.0 INTRODUCTION

The

- iii. United Kingdom Export Finance (UKEF) Facility Agreement between the **Government of the Republic of Ghana** (represented by the Ministry of Finance) and **HSBC Bank Plc** (Facility Agent and Arranger) for an amount of **Thirty-One Million, Five Hundred Thousand Euros (€31,500,000.00)** to finance the implementation of the **Rural Communities and Small Towns Water Supply Project**, and
- iv. **Loan Facility Agreement** between the **Government of the Republic of Ghana** (represented by the Ministry of Finance) and **HSBC Bank plc** (as Facility Agent and Arranger) for an amount of **Four Million, Five Hundred Thousand Euros (€4,500,000.00)** to finance the implementation of the Rural Communities and Small Towns Water Supply Project

were presented to the House on Wednesday 12th June, 2019 by the Honourable Minister for Planning, Professor Gyan-Baffour on behalf of the Minister responsible for Finance.

Pursuant to Article 103 of the 1992 Constitution and Orders 169 and 171 of the Standing Orders of the House, the Agreements were *referred* to the Committee on Finance for consideration and report.

The Committee subsequently met and discussed the Agreements with the Minister for Sanitation and Water Resources, Hon. Cecilia Abena Dapaah and her Deputies Hon. Patrick Yaw Boamah and Hon. Michael Yaw Gyato, Deputy Minister for Finance, Hon. Abena Osei-Asare as well as officials from the Ministries of Finance and Sanitation and Water Resources. Also

in attendance were the Chief Executive Officer and other officials from the Community Water and Sanitation Agency (CWSA).

The Committee hereby submits this report to the House pursuant to the Standing Orders of the House.

The Committee is grateful to the **above-mentioned Minister, Deputy Ministers** and the officials for attending upon the Committee.

2.0 BACKGROUND

The Ministry of Sanitation and Water resources (MSWR) and the Community Water & Sanitation Agency (CWSA) in conjunction with a UK private sector entity, Aqua Africa Limited (AA) have been working together on a market-based approach to provide sustainable safe drinking water to the rural communities and small towns in four Regions in Ghana.

This solution reflects the policy direction of the Ministry and falls in line with the strategic direction of CWSA in the provision of safe water to rural communities and small towns.

MSWR and CWSA are embarking on the strategy to enhance the delivery of WASH facilities to about 38% of the unserved rural population towards the attainment of the Sustainable Development Goal (SDG) 6.

The concept of this transformation is to consider innovative technology and financing methods to generate revenue to take care of maintenance and future expansion programmes and improve mechanisms to hold all actors to their roles and responsibilities in the WASH sector.

Aqua Africa will work in partnership with CWSA to provide water systems to Rural Communities and Small Towns and secure revenue from water

sales using smart metering or cashless payment systems. The project will use advance nano-technology filtration or other technologies (as appropriate) to treat unsafe water sources, as well as providing solar-powered mechanism. The treated water will be piped either directly to households or community standpipes.

3.0 PURPOSE OF THE PROJECT

The purpose of this project is to support the Ministry of Sanitation and Water Resources (MSWR) and the Community Water and Sanitation Agency (CWSA) to install and maintain point and piped water systems in rural communities and small towns, in line with the new policy direction of CWSA and the 'Water for all' Agenda of Government of Ghana.

4.0 TERMS AND CONDITIONS OF THE LOAN

The terms and conditions of the Facility under the two Agreements are as follows:

Terms and conditions	UKEF Direct Facility	HSBC Bank Tied Commercial Facility
Facility Amount	€31,500,000(o/w €25,500,000 is for project and €6,000,000 is for UKEF premium).	€4,500,000
Grace period	1.5 years	1 years
Repayment period	15 years	4 years
Tenor (Door to Door)	16.5 years	5 years

Interest rate	CIRR (current pricing 1.74% p.a.)	EURIBOR +4.80% p.a
Commitment fee	0.46% p.a.	1.00% p.a.
Structuring fee	1.25% flat	1.25% flat
Administration fee	€150,000	€30,000

The project cost of €30,000,000.000 is financed by Her Britannic Majesty's Secretary of State acting through the Export Credits Guarantee Department (operating as UK Export Finance) and HSBC Bank plc under an export credit financing structure.

UK Export Finance is providing a direct lending to GOG to finance up to 85% of the contract value and the entire guarantee premium. HBSC Bank plc on the other hand is lending to Government up to 15% of the contract value to finance government's contribution towards the project. The financial packages provide a 100% financing solution.

5.0 PROJECT COMPONENTS

The project shall have four main components, namely:

- I. **Point Source Nano-Filtration System (€3 million) - 10% of Project Value** This component will provide point source Nano-filtration systems to 150 communities in areas where the water source is contaminated. The system will comprise photo-voltaic power supplies and solar pumps, Nano-filters in anti-bacterial tanks, and a revenue capture system (either through mobile money or smartcards) at the source.

Each system cost approximately €20,000, or €33.33 per capita and will provide safe water to 600 people on average resulting in safe water provision for 90,000 people.

II. Piped Water to Households and Public Standpipes (€21 Million) - 70% of Project Value

This component will provide both piped water to household and public standpipes in 12 small towns. Each system will comprise photo-voltaic power for the pumping system, which will take water from water sources and anti-bacterial storage tanks. Pipes will transport water from the central system either to smart meters at each household or to the public standpipe locations, where water will be sold either through mobile money or through a smartcard revenue capture system. Each system costs approximately €1.75 million for each location, including revenue capture and /or smart metering and operational and maintenance planning at €109 per capita, and will serve a small town with an average population of 16,000. In total, 192,000 people in 12 small towns will be served under this component.

III. Environmental, Social Safeguards and Community Engagement (€1.3 Million) - 4.33% Of Project Value

This component will cover environmental and social safeguards interventions, selection communities, community engagement and sensitisation and training of Water System Management Staff.

IV. Project Management (€4.5Million) - 15% Of Project Value

This component refers to the fees for the overall planning, management and oversight of the project design development, data research review, logistics, distribution, implementation and maintenance on behalf of the Government of Ghana by CWSA's internal project team and Aqua Africa's external team.

The fee structure will be used to cover the cost of implementing the project based on the following sharing formula:

- CWSA internal project management: 3% (€900,000)
- Aqua Africa External Project Management: 12% (€3.6 million)

The Project Management Teams will operate between CWSA Head Office and Aqua Africa's Accra Office.

6.0 OBSERVATIONS

6.1 Value for Money Audit

The Committee sought to know whether the project would be subjected to a Value-For-Money (VFM) audit. To this, officials of the Ministry of Finance answered in the affirmative and intimated to the Committee that the necessary documentation have been submitted to Crown Agents who are presently undertaking the necessary Value-For-Money audit. The Committee advised the Ministries of Finance and Sanitation and Water Resources to keenly follow-up on the VFM to ensure that it is completed on time to ensure the speedy implementation of the project.

6.2 Inclusion in the non-concessional borrowing under the IMF Programme

The Committee was informed that the project financing was included in the list of projects approved for non-concessional borrowing in 2018 under the International Monetary Fund's programme.

6.3 Project Implementation Period

As to how long the project will take to be completed, the Committee was informed that the implementation of the project will be done in two phases: The first phase will cover 3-month design, resourcing and procurement planning; whilst the second phase covers 18-month project implementation and delivery, thus bringing the total implementation period to 21 months. Additionally, the project will have a 6-month contingency period to deal with unforeseen circumstances, if any.

6.4 Benefits of the Project

Benefits expected to accrue from the project include:

- Maximisation of social and health benefit such as safe, affordable and reliable water supply, improvement in school attendance and reduction in water borne diseases.
- Improved level of service by increasing coverage in the beneficiary communities.
- Growth in productivity of the inhabitants leading to economic development and poverty reduction- approximately 600 direct and indirect jobs will be created.

- Boost to business and trade, mainly within the SME, manufacturing and Rural Enterprises sector as espoused in the One-District-One-Factory industrial policy of Government.

6.5 Water for All Agenda

The committee was informed that the project solution meets the new policy direction of the Ministry of Sanitation and Water Resources and incorporates all the tenets of the National Water Policy of the Ministry whilst meeting “**Water for All**” Agenda of Ghana Government. The project will also improve the living conditions of the Ghanaian people as well as help to achieve the goal of MSWR’S Water Sector Strategic Development Plan, which is “Sustainable Water and Basic Sanitation for All by the Year 2025”.

6.6 Improved Technology

The Minister for Sanitation and Water Resources, Hon. Cecilia Abena Dapaah explained to the Committee that the nano-filtration system to be used for the project is a relatively new system capable of getting rid of viruses and pathogens up to 99 percent. The system is said to be powered by solar and comes with an in-built filtration system. It also comes with a whole maintenance back-up to ensure the sustainability of the project.

6.7 Beneficiary communities

The Committee noted that the project would be implemented in five Regions of Ghana namely Ashanti, Eastern, Greater Accra, Oti and Volta Regions.

The provisional list of the communities to benefit from the project is attached to this report and marked APPENDIX.

7.0 CONCLUSION

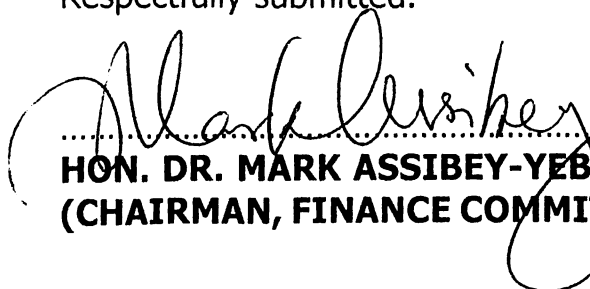
The Committee has carefully considered the Agreements and found that the successful implementation of the Project for which the funds are being borrowed would help to significantly improve the health and social status of the people in the beneficiary communities in particular and Ghana as a whole.

The Committee therefore respectfully recommends to the House to adopt this report and approve by Resolution, the

- i. United Kingdom Export Finance (UKEF) Facility Agreement between the **Government of the Republic of Ghana** (represented by the Ministry of Finance) and **HSBC Bank Plc** (Facility Agent and Arranger) for an amount of **Thirty-One Million, Five Hundred Thousand Euros (€31,500,000.00)** to finance the implementation of the **Rural Communities and Small Towns Water Supply Project**, and
- ii. **Loan Facility Agreement** between the **Government of the Republic of Ghana** (represented by the Ministry of Finance) and **HSBC Bank plc** (as Facility Agent and Arranger) for an amount of **Four Million, Five Hundred Thousand Euros (€4,500,000.00)** to finance the implementation of the Rural Communities and Small Towns Water Supply Project

in accordance with Article 181 of the 1992 Constitution of the Republic of Ghana.

Respectfully submitted.


.....
HON. DR. MARK ASSIBEY-YEBOAH
(CHAIRMAN, FINANCE COMMITTEE)


.....
MS. EVELYN BREFO-BOATENG
(CLERK, FINANCE COMMITTEE)

20TH JUNE, 2019

APPENDIX

MINISTRY OF SANITATION AND WATER RESOURCES

COMMUNITY WATER AND SANITATION AGENCY

RURAL COMMUNITIES AND SMALL TOWNS WATER
SUPPLY
(AQUA AFRICA)

26TH JUNE 2019

LIST OF COMMUNITIES FOR POINT SOURCE WATER SYSTEMS
(NANA FILTRATION/SOLAR)

BENEFICIARY COMMUNITIES UNDER THE RURAL
COMMUNITIES AND SMALL TOWNS WATER SUPPLY
PROJECT/AQUA AFRICA

EASTERN REGION

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
1	Tinkong	Akwapim North	1,537
2	Kamina Kwabena	Akwapim North	1,193
3	Mile 14	Akwapim North	1,145
4	Afiafi Kokoo	Akwapim North	1,045
5	Nyensiso	Akwapim North	875
6	Nyame Bekyere	Akwapim North	1,200
7	Nsakyee	Akwapim South Municipal	1,297
8	Amanfrom	Akwapim South Municipal	1,289
9	Gyankama	Akwapim South Municipal	711
10	Yeboakrom	Akwapim South Municipal	688
11	Dwaha	Akyemansa	897
12	Prempeh	Akyemansa	734
13	Dodi Asantekrom	Asuogyaman	1,894
14	Labolabo	Asuogyaman	1,789
15	Mangoase	Asuogyaman	1,353
16	Adome	Asuogyaman	1,234
17	Nkwakubew	Asuogyaman	539
18	Akwaboso no.1	Atiwa	1,153
19	Esaase (No.1 & no.2)	Atiwa	759
20	Obuoho (No. 1 & 2)	Ayensuano	1,170
21	Abisim no 1& 2	Ayensuano	1,074
22	Suhum	Ayensuano	1,074
23	Asuboi Zongo	Ayensuano	932
24	Tetekasom No.1	Ayensuano	833
25	Tetekasom No.2	Ayensuano	808
26	Asibirim No. 1	Birim Central Municipal	791
27	Atiankama	Birim Central Municipal	727
28	Edimso	Birim South	1,067
29	Aggreykrom	Birim South	734
30	Nkranfoum	Birim South	633
31	Ars Camp	Denkyembour	1,606
32	Dodi	Denkyembour	1,163
33	Kusi Camp (O.P.R.I.)	Denkyembour	1,140
34	Amanfrom	Denkyembour	1,071
35	Awonye	Denkyembour	502
36	Payase	East Akim Municipal	938
37	Akim Adukrom	East Akim Municipal	929
38	Pekyi	East Akim Municipal	666
39	Latehmu	East Akim Municipal	526
40	Adwumako	East Akim Municipal	516

EASTERN REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
41	Adotowa No.2	East Akim Municipal	506
42	Suduasa	Fanteakwa	1,093
43	Feyiase	Fanteakwa	945
44	Akwazawa Abetemase	Fanteakwa	945
45	Asedja No.1&2	Fanteakwa South	820
46	Asedja No.1&2	Fanteakwa South	820
47	Asedja Akwadum	Fanteakwa South	601
48	Asedja Akwadum	Fanteakwa South	601
49	Adiembra	Kwaebibirem	1,089
50	Mampong Bomso	Kwaebibirem	727
51	Kwae Adiembra	Kwaebibirem	797
52	Atiwlamey	Kwahu Afram Plains North	1,259
53	Zikpo	Kwahu Afram Plains North	1,163
54	Abotan	Kwahu Afram Plains South	1,041
55	Abotriansa	Kwahu East	1,034
56	Tokrom Anweam	Kwahu East	1,015
57	Gyegyeti Nkwanta (Asuoso)	Kwahu West Municipal	1,121
58	Abetensu	Kwahu West Municipal	1,050
59	Atua Ogomey	Lower Manya Krobo	1,082
60	Hode Amedeka	Lower Manya Krobo	1,060
61	Nyerede	New Juaben Municipal	503
62	Ankwa Drobo	Nsawan/Adoagyi Municipal	1,984
63	Oparekrom	Nsawan/Adoagyi Municipal	766
64	Nanankor	Suhum Municipal	1,159
65	Amanhia	Suhum Municipal	1,020
66	Sowatey	Suhum Municipal	909
67	Sokwenya Sutapong	Upper Manya Krobo	1,121
68	Suduasa	Upper Manya Krobo	1,057
69	Sawa	Upper Manya Krobo	1,050
70	Akwapim Zuyumunor	Upper Manya Krobo	1,019
71	Akateng Manya	Upper Manya Krobo	1,004
72	Ogyade	West Akim Municipal	1,372
73	Esaaso (Saase)	West Akim Municipal	1,311
74	Adjikpo	Yilo Krobo	1,970
75	Perpertifi	Yilo Krobo	1,122
76	Agyarko	Akwapim South Municipal	97
77	Aburi Amanfro	Akwapim South Municipal	285
78	Nsakyee	Akwapim South Municipal	1297
79	Papawani	Akwapim South Municipal	189
80	Adamorobe	Akwapim South Municipal	1923

EASTERN REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
81	Agyemanti	Akwapim South Municipal	435
82	Ketasi	Akwapim South Municipal	265
83	Konkonuru	Akwapim South Municipal	1696
84	Osino	Fanteakwa	6732
85	Asedja	Fanteakwa	654
86	Bepoase	Fanteakwa	1566
87	Adjeikrom	Fanteakwa	1273
88	Dwenase	Fanteakwa	2413
89	Abompe	Fanteakwa	3295
90	Nkankama	Fanteakwa	539
91	Yayaaso	Fanteakwa	464
92	Tease	Kwahu Afram Plains South	693
93	Bebuso	Kwahu Afram Plains South	1603
94	Trebu	Kwahu Afram Plains South	371
95	Dzikope	Kwahu Afram Plains South	299
96	Bonkron	Kwahu Afram Plains South	2656
97	Takoratwene	Kwahu Afram Plains South	868
98	Total		105,981

ASEANTI REGION

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	Municipal/District	Population (2018)
1	Patakro	Adansi North	1790
2	Nyakoa		1365
3	Akutreso	Adansi South	1875
4	Tweapease		1895
5	Fenaso Nkwanta	Adansi Asokwa	1392
6	Kubi Kwanto		1913
7	Swedru	Afigya-Kwabre South	1890
8	Edwenase		1832
9	Ebom	Afigya-Kwabre North	1599
10	Heman Buoho		1777
11	Dwaaho	Ahafo Ano North	1636
12	Twabidi		1628
13	Esienkyem	Ahafo-Ano South West	1367
14	Nsutem		1714
15	Domeabra (Ahwerewam)	Ahafo-Ano South East	1299
16	Fawomang		1825
17	Akutuase	Amansie Central	1308
18	Suhyenso		1762
19	Gyegyetroso	Amansie South	1678
20	Manukrom		1061
21	Attobrakrom	Amansie West	1890
22	Tetrem		1745
23	Nsiakrom	Asante Akim Central	1488
24	Freetown		1943
25	Abrewapong	Asante Akim North	1989
26	Kowireso		1989
27	Akokofori	Asante Akim South	1212
28	Denso 1		1131
29	Atuntuma	Atwima Mponua	1719
30	Abasua No. 2		1858
31	Darbaa	Atwima Nwabiagya Municipal	1281
32	Abira		1402
33	New Ntensere	Atwima Nwabiagya North	1215
34	Anlo Nkwanta		1150
35	Daako	Atwima-Kwanwoma	1604
36	Takyiman		1580
37	Atobiase	Bosome Freho	1163
38	Dagyanso		1142
39	Mim	Bosomtwe	1546
40	Nkowi		1958

ASHANTI REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	Municipal/District	Population (2018)
41	Esaase	Ejisu Municipal	1090
42	Ofoase		1745
43	Nyinase	Ejura-Sekyedumasi	1485
44	Nyamebekyere		1714
45	Awabre		1029
46	Bemi		914
47	Adadientem	Juaben Municipal	1018
48	Manhyia		1745
49	Old Abirem	Kwabre East	1919
50	Anyinasu		1273
51	Mprim	Mampong Municipal	1924
52	Ninting		1439
53	Besease		1371
54	Bosomkyekye		1131
55	Aframso (Jeduako)	Nsuta-Kwamang Beposo (Sekyere Central)	1869
56	Fawomang		1565
57	Yeboahmere		1047
58	Nyamebekyere	Obuasi Municipal	1342
59	Samsonkrom		987
60	Gambia	Offinso Municipal	1236
61	Asuboi		1425
62	Amponsakrom	Offinso North	1591
63	Konkon		979
64	Mantukwa		1714
65	Papasisi		1000
66	Funsua	Sekyere Afram Plains	800
67	Mempekasa		1745
68	Akotiesu-Asokore	Sekyere East	1559
69	Woramsu-Asokore		1598
70	Bodwease	Sekyere Kumawu	1877
71	Ananaya		829
72	Babaduaso		808
73	Funifuni	Sekyere South (Afigya)	1250
74	Kokoteasua		1039
75	Otoom		1405
76	Dormaa	Ahafo Ano North Municipal	238
77	Betiako	Ahafo Ano North Municipal	2742
78	Abodwese	Ahafo Ano North Municipal	1158
79	Pokukrom	Ahafo Ano North Municipal	509
80	Boagyaa No.2	Ahafo Ano North Municipal	79

ASEANTI REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	Municipal/District	Population (2018)
81	Kataple Ii	Ahafo Ano North Municipal	282
82	Suponso	Ahafo Ano North Municipal	723
83	Asuogya	Ahafo Ano North Municipal	603
84	Guest House Pm Resi.	Ahafo Ano North Municipal	152
85	Kramokrom	Ahafo Ano North Municipal	808
86	Tepa Beposo	Ahafo Ano North Municipal	743
87	Kofi Nkrumakrom	Ahafo Ano North Municipal	1077
88	Fahiakotwe	Ahafo Ano North Municipal	286
89	Nsoase East Tepa	Ahafo Ano North Municipal	485
90	Atobrakrom	Ahafo Ano North Municipal	284
91	Betlehem	Ahafo Ano North Municipal	179
92	Odikro Nkwanta	Ahafo Ano North Municipal	554
93	Tepa Newlove (Guest Hse)	Ahafo Ano North Municipal	208
94	Detuam	Ahafo Ano North Municipal	320
95	Dwaaho	Ahafo Ano North Municipal	1542
96	Manfo	Ahafo Ano North Municipal	2245
97	Annorkrom	Ahafo Ano North Municipal	183
98	Domiabra	Ahafo Ano South West District	5065
99	Adadekrom	Ahafo Ano South West District	1124
100	Hiamankwa	Ahafo Ano South West District	365
101	Ohiapae	Ahafo Ano South West District	472
102	Fawadwene	Ahafo Ano South West District	158
103	Hwibaa	Ahafo Ano South West District	3578
104	Pewodie	Ahafo Ano South West District	747
105	Wioso	Ahafo Ano South West District	4432
106	Achiase	Ahafo Ano South West District	611
107	Mpasaso Number 1	Ahafo Ano South West District	2818
108	Mpasaso Number 2	Ahafo Ano South West District	3079
109	Nyamebekyere No.2	Ahafo Ano South West District	339
110	Aworokrom	Ahafo Ano South West District	824
111	Kunsu Camp	Ahafo Ano South West District	891
112	Boatenkrom	Ahafo Ano South West District	1131
113	Kunsu	Ahafo Ano South West District	5795
114	Afreseni	Ahafo Ano South West District	684
115	Bronikrom	Ahafo Ano South West District	625
116	Mankranso	Ahafo Ano South West District	6651
117	Juaso	Asante Akim South Municipal	12045
118	Nyakoma	Asante Akim South Municipal	1273
119	Amoakrom	Asante Akim South Municipal	727
120	Amoakrom	Asante Akim South Municipal	412

ASHEANTI REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	Municipal/District	Population (2018)
121	Bompata	Asante Akim South Municipal	5298
122	Tanokrom	Asante Akim South Municipal	595
123	Agogo	Atwima Nwabiagya Municipal	5050
124	Afari	Atwima Nwabiagya Municipal	1828
125	Apuayem	Atwima Nwabiagya Municipal	656
126	Nerebehi	Atwima Nwabiagya Municipal	5433
127	Nyamebkyere 1	Atwima Nwabiagya Municipal	586
128	Wagadugu	Atwima Nwabiagya Municipal	141
129	Kyereyease	Atwima Nwabiagya Municipal	646
130	Wagadugu	Atwima Nwabiagya Municipal	291
131	Nkonteng	Atwima Nwabiagya Municipal	229
132	Seidi	Atwima Nwabiagya Municipal	1353
133	Fankemawe	Atwima Nwabiagya Municipal	582
134	Nkawie (Panyini)	Atwima Nwabiagya Municipal	2497
135	Akwaduo	Bosomtwe District	582
136	Jachie	Bosomtwe District	9080
137	Oyoko	Bosomtwe District	1594
138	Pramso	Bosomtwe District	4033
139	Sewua	Bosomtwe District	3860
140	Tetrefu	Bosomtwe District	1650
141	Abono	Bosomtwe District	1246
142	Kuntanase	Bosomtwe District	4434
143	Piase	Bosomtwe District	2309
144	Ejisu	Ejisu Municipal	15962
145	Amoam-Achiase	Ejisu Municipal	2912
146	Apromase	Ejisu Municipal	2869
147	Asawase	Ejisu Municipal	480
148	Domeabra	Ejisu Municipal	2018
149	Achinakrom	Ejisu Municipal	3537
150	Deduako	Ejisu Municipal	1590
151	Sarpe	Ejisu Municipal	1245
152	Essienimpong	Ejisu Municipal	4053
153	Besease	Ejisu Municipal	5783
154	Atunsu	Asante Akim Central Municipal	1051
155	Beposo	Asante Akim Central Municipal	782
156	Adumasa	Juaben Municipal	4146
157	Bomfa	Juaben Municipal	2736
158	Bomfa-Achiase	Juaben Municipal	6542
159	Apemso	Juaben Municipal	922

ASEANTI REGION Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	Municipal/District	Population (2018)
160	Atia	Juaben Municipal	2506
161	Kubease	Juaben Municipal	2225
162	Dwumakwai	Juaben Municipal	1698
163	Juaben	Juaben Municipal	11243
164	Nkyerepoaso	Juaben Municipal	1022
165	Abesewase	Juaben Municipal	485
166	Odoyefe	Juaben Municipal	761
167	Anhwiaso	Adansi Asokwa District	759
168	Anwona	Adansi Asokwa District	1832
169	Pewodie	Adansi Asokwa District	639
170	Aboabo No.1	Adansi Asokwa District	1052
171	Anhwian	Adansi Asokwa District	351
172	Fumso	Adansi Asokwa District	7087
173	Seana	Adansi Asokwa District	583
174	Alkromaso	Adansi Asokwa District	714
175	Adankwame	Atwima Nwabiagya North	1794
176	Achiase	Atwima Nwabiagya North	2325
177	Amoamang	Atwima Nwabiagya North	497
178	Total		328,493

No.	COMMUNITY	DISTRICT	POPULATION (2018)
1	Afamanaso	Sekyere South	4294
2	Bedomase	Sekyere South	2834
3	Bipoa	Sekyere South	5545
4	Kofikrom	Sekyere South	969
5	Oppong Yaw	Sekyere South	646
6	Brofoyedru Kona	Sekyere South	1371
7	Kona	Sekyere South	9928
8	Amenase	Sekyere South	1360
9	Boanim	Sekyere South	4076
10	Dome	Sekyere South	915
11	Abrakaso	Sekyere South	1075
12	Domeabra	Sekyere South	1963
13	Hiamankyene(Afigya)	Sekyere South	703
14	OKrakrom	Sekyere South	792
15	Montosua	Sekyere South	603
16	Morso	Sekyere South	384
17	Tano Odumase	Sekyere South	5971
18	Babaduasoo	Sekyere South	270
19	Wiamoase	Sekyere South	16674
20	Tutu Nkwanta	Sekyere South	291
21	Dawu	Sekyere South	1142
22	Tabre	Sekyere South	969
23	Asamang	Sekyere South	7868
24	Akrofonso	Sekyere South	2249
25	Bepoase	Sekyere South	5586
26	Dabaang	Sekyere South	574
27	Funifuni	Sekyere South	220
28	Kokoteasua	Sekyere South	898
29	Mantwease	Sekyere South	2258
30	Mpianikrom	Sekyere South	339
31	Total		82767

GREATER ACCRA REGION

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
1	Asuadja	Ga South Municipal	2152
2	Afadjato	Ga South Municipal	1783
3	Machigeni	Ga South Municipal	1361
4	Nsuobri No.1	Ga South Municipal	1623
5	Domeabra	Ga South Municipal	1561
6	Obeliakwa	Ga South Municipal	1418
7	Appiatse Aklowa	Ga South Municipal	908
8	Kofi Kwei	Ga South Municipal	1288
9	Akoteaku	Ga South Municipal	856
10	Torkuse	Ga South Municipal	821
11	Tomefa	Ga South Municipal	1196
12	Korvikope	Ga South Municipal	725
13	Oduman Asuaba	Ga South Municipal	621
14	Kokompe	Ga South Municipal	609
15	Obakrowa	Ga South Municipal	1001
16	Ashweniagmor	Ga South Municipal	1001
17	Nogoman	Ga South Municipal	548
18	Akuakope	Ga South Municipal	546
19	Agbledor Asuaba	Ga South Municipal	544
20	Kurabi/Bosomase	Ga South Municipal	544
21	Ashamoa	Ga South Municipal	941
22	Alafia No 2	Ga South Municipal	538
23	Amuzukope	Ga South Municipal	525
24	Ahiasekope	Ga South Municipal	856
25	Adakakope	Ga South Municipal	453
26	Nokoyedzen	Ga South Municipal	440
27	Ekpekope	Ga South Municipal	424
28	Dome Faase	Ga South Municipal	807
29	Ahele	Ga South Municipal	407
30	Odenke	Ga South Municipal	385
31	Botokura	Ga South Municipal	363
32	Kojodu	Ga South Municipal	363
33	Okortorbu	Ga South Municipal	755
34	Domeabra Old Town	Ga South Municipal	345
35	Borkorbokor Junction	Ga West	1576
36	New Abensu	Ga West	1223
37	Odumase	Ga West	1027
38	Amuzukope	Ga West	544
39	Ablor	Ga West	529
40	Kwamekope	Ga West	513
41	Achiaman	Ga West	907
42	Zingakope	Ga West	493
43	Kwablavikope	Ga West	427
44	Agboman	Ga West	377
45	TOTAL		36,324

VOLTA & OTI REGIONS

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
1	Abutia Amesiakofe	Ho West	356
2	Kpedze Anoe	Ho West	1084
3	Kpedze Sreme	Ho West	1260
4	Avatime Fume	Ho West	687
5	Tove Wukpo	Central Tongu	679
6	Xevitoe	Central Tongu	568
7	Agortorkpor	Central Tongu	652
8	Deveme	Central Tongu	567
9	Zakpoe	Central Tongu	465
10	Feda	Central Tongu	470
11	Kpevenu Tsati	Central Tongu	521
12	Sorkpoe	Central Tongu	687
13	Gagorme	Central Tongu	479
14	Waya	Central Tongu	568
15	Gigikpoe	Central Tongu	755
16	Tongor Tsanakpe	South Dayi	1895
17	Tongor /Dzemeni/Djakity /Adzebu	South Dayi	11,568
18	Toh Kpalime/Dugame	South Dayi	1979
19	Tongor Ahor/Kaira/Abui	South Dayi	2590
20	New Kaira/Tsatee/Kpeyiborme	South Dayi	2,675
21	Kogokrom	Biakoye	813
22	Tadiani	Biakoye	775
23	Fankyerekor	Biakoye	657
24	Tetekope	Biakoye	657
25	Ampkrom	Biakoye	585
26	Odei Old Town	Biakoye	535
27	Kotokope	Biakoye	426
28	Olebu	Biakoye	415
29	Torgorme	Biakoye	403
30	Gborikpodzi	Biakoye	401
31	Dodo Zondo	Kadjebi	981
32	Asuboe	Kadjebi	815
33	Nsuhwem	Kadjebi	537
34	Bumbuso	Kadjebi	465
35	Dodo Bethel	Kadjebi	431
36	Kwakye	Kadjebi	426
37	Menuso Asato	Kadjebi	376
38	Dika	Kadjebi	336
39	Kponkpa	Kadjebi	333
40	Titianyoy	Kadjebi	333

VOLTA & OTI REGIONS continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
41	Dadoto	Krachi East	775
42	Lakle Tornu	Krachi East	726
43	Napoa	Krachi East	722
44	Agbokope	Krachi East	623
45	Koli Kope	Krachi East	596
46	Agbletime	Krachi East	581
47	Kpedzi (Kofi Man)	Krachi East	577
48	Amuzukope	Krachi East	514
49	Donkor Akura	Krachi East	450
50	Akyem	Nkwanta South	1017
51	Kabonwule	Nkwanta South	851
52	Akyem	Nkwanta South	834
53	Teacher Akura	Nkwanta South	802
54	Kontame	Nkwanta South	288
55	Lesin	Nkwanta South	501
56	Bankye Akura	Nkwanta South	499
57	Olori	Nkwanta South	415
58	Bankyi Akura	Nkwanta South	384
59	Dzolo Kpuita	Ho West	1067
60	Amoako	Jasikan	324
61	Tsirikasa	Jasikan	242
62	Guaman Odumase	Jasikan	218
63	Kayadan	Jasikan	1162
64	Obuase	Kadjebi	2176
65	Dunyokope	Kadjebi	243
66	Dapaa	Kadjebi	1416
67	Asato	Kadjebi	2447
68	Kanjo	Nkwanta North	360
69	Kofi Akura	Nkwanta North	735
70	Lankpor	Nkwanta North	1106
71	Bowiri Kubease	Biakoye	313
72	Worawora	Biakoye	9854
73	Nkonya Tepo	Biakoye	3618
74	Nkonya Wurupong	Biakoye	3921
75	Korkorse	Krachi Nchumuru	979
76	Abrewankor No. 1	Krachi Nchumuru	622
77	Abrewankor No. 2	Krachi Nchumuru	2028
78	Boafri	Krachi Nchumuru	816
79	Ngbanye Akura	Krachi Nchumuru	611
80	Mple	Krachi West	251

VOLTA & OTI REGIONS Continued

Proposed Communities for Point Water Systems (Solar/Nano Filtration)

No.	Beneficiary Community	District	Population (2018)
81	Twereso	Krachi West	326
82	Keri	Nkwanta South	3024
83	Odumase	Nkwanta South	1957
84	Kecheibi	Nkwanta South	2257
85	Pusupu	Nkwanta South	2676
86	Bawa Akura	Krachi East	267
87	Anyabor No. 1	Krachi East	83
88	Kofie Akura	Krachi East	108
89	Beposo No. 1	Krachi East	395
90	Beposo No. 2	Krachi East	368
91	Beposo No. 3	Krachi East	343
92	Atsiteme	Akatsi South	200
93	Aforde	North Tongu	284
94	Kelorkpo	North Tongu	572
95	Xevitoe	Central Tongu	228
96	Gordorkope	South Tongu	236
97	Akakpokope	South Tongu	250
98	Amedzikope	Ketu South	179
99	Avalavi	Ketu North	764
100	Avenui Awudome	Ho West	2658
101	Adaklu Kpetsu	Adaklu-Anyigbe	717
102	Hehekpoe	Adaklu-Anyigbe	1164
103	Adaklu Dave	Adaklu-Anyigbe	443
104	Atsiteme	Akatsi South	200
105	Anyako	Keta Municipal Assembly	6568
106	Tengekope	Keta Municipal Assembly	643
107	Atikpui	Ho Municipal Assembly	3673
108	Akrofu Xeviwofe	Ho Municipal Assembly	1337
109	Likpe Bala	Hohoe	4064
110	Alavanyo Kpeme	Hohoe	1326
111	Wli Todzi	Hohoe	908
112	Gbi Akplamafu	Hohoe	842
113	Fodome Ando No. 1	Hohoe	187
114	Fodome Ando No. 2	Hohoe	69
115	Total		126,185

**LIST OF COMMUNITIES FOR SMALL TOWNS PIPED WATER
SYSTEMS**

**BENEFICIARY COMMUNITIES UNDER THE RURAL COMMUNITIES AND SMALL TOWNS WATER SUPPLY
PROJECT/AQUA AFRICA**

EASTERN REGION

Proposed Small Towns Piped Water Systems

No.	District	Beneficiary Community	Population (2018)	Other Cluster Communities if feasible	Population of clusters	Total Population
1	Kwahu Afram Plains South	Tease	13,626			13,626
2	Ayensuano	Coaltar	12,600	Krabo, Kraboakese, La Mangoase, Kwametakyi, Siabotare, Amfaso, Yawtawiakrom, Okotokrom, Kwadwo Agyarekrom	12,456	25,056
3	Asuogyaman	New Ajena	16,777	Gyakiti, Adumasa, Anyaase & Oglobo	8,245	25,022
4	Birim South	Anyinam Kotoku	10,128			10,128
5	Achiase	Akankasu	9,336			9,336
6	Birim Central	Akim Manso No.1	9,836			9,836
7	Abuakwa South	Asafo	12,700	Maase, Addo Nkwanta	6,450	19,150
8	Kwahu West	Oframase	12,807	Atibie Amanfrom, Mpraeso Amanfrom, Kwahu Nsaba, Nkawanda No.1&2, Jejeti, New Jejeti, Abetensu, Kwahu Jejeti	19,567	32,374
9	Total		97,810		46,718	144,528

ASHANTI REGION

Proposed Small Towns Piped Water Systems

No.	District	Beneficiary Community	Population (2018)	Other Cluster Communities if feasible	Population of clusters	Total Population
1	Bosomtwe	Esereso	10,086	Feyiasc, Aputuogya, Adagya, Abuontem, Sawua, Jachie	34,929	45,015
2	Kwabre East	Ntonso	15,875	Asonomaso, Aboaso, Bampenase, Krobo, Adensina	29,910	45,785
3	Juaben	Kubcase	4,225	New Koforidua, Nobewam, Hwereso, Duampompo	10,632	14,857
4	Ahafo Ano South West	Kunso	5,795	Bonkwaso No. 1, Kunso Dotiem, Dunyan Nkwanta, Barniekrom, Boatengkrom, Bonkwaso No.2	6,879	12,674
5	Ahafo Ano South East	Polcukrom	3,603	Fawoman, Asuadei, Nsulem, Pokuase, Potrikrom	7,195	10,798
6	Amansie West	Pakyi No.2	7,384	Pakyi No. 1, Dominase	5,717	13,101
7	Ejisu	Bonwire	7,400	Adanwomase, Bamang	4,676	12,076
8	Bekwai	Ahwiankwanta	4,903	Ofoase kokoben, Adjemasu, Dominase, Huntaado	16,848	21,751
9	Total		56,271		116,786	176,057

GREATER ACCRA REGION

Proposed Small Towns Piped Water Systems

No.	District	Beneficiary Community	Population (2018)	Other Cluster Communities if feasible	Population of clusters	Total Population
1	Ga West	Aklamaman	5,466	Three Junction, Obeyeyie, Ayikai Doblo, Okushibiade	6,964	12,430
2		Abensu	5,815	Mayera	4,987	10,802
3		Sansan	3,676	Manchic, Sansan Odumase, Sansan Kenya	9,538	13,214
4		Kranoman	7,654	Adjeiman, Adeyman	11,046	18,700
5		Dome Sampaman	5,732	Achiaman, Doblo Gonno, Kwashiekuma	11,129	16,861
6		Deideiman	8,865	Katapor	7,362	16,227
7	Total		37,208		51,026	88,234

VOLTA/OTI REGIONS

Proposed Small Towns Piped Water Systems

No.	District	Beneficiary Community	Population (2018)	Other Cluster Communities if feasible	Population of clusters	Total Population
1	Krachi East Municipality	Dambai	23,492	Kparekpare, Kwame Akura, Yabrama, Tabayi, Pompei, Yanga, Tamanigya	4,999	28,491
2	Krachi Nchumuru	Banda	10,945			10,945
3		Chinderi	6,094			6,094
4	Kwanta South Municipality	Brewaniase	7,793			7,793
5	Krachi East Municipality	Katanga	11,498	Asukawkaw	7,607	19,105
6	Krachi West District	Kete Krachi	17,440	Gyengye, Abajoro, Brewiasse, Bator and other 10 small communities	16,715	34,155
7	Total		77,262		29,321	106,583