



Footprint Panama
PH Mira Mar, Ave Balboa
Bella Vista, Ciudad de Panama
Rep de Panama

Motto: Do a lot, with a Little...fast!

Date: 27Feb21

Memo: 1st Quarterly Report CSAG Footprint Books for Kids Org #68120

- A. 2d Shipment Received – The Covid19 pandemic stretches around the world and has also impacted our affiliate NGO In Ghana Africa. Although the books were received over a month ago the children have been kept out of the classroom as is the case in many parts of the world. Finally the day came when they could come back, go to school, break open the boxes of books and start to learn. It was a great day with great smiles which you just can't fake. A great tribute and thanks goes again to Books for Africa who has agreed to send less than container loads of used books. It is difficult to collect the funding needed to send two pallets. But, trying to send 20 or 22 would have been impossible. But thanks to Books for Africa we can send individual pallet loads of books. Each **pallet can hold 1100 books**, pamphlets and learning aids. 2200 books in two pallets goes a long way in any school.

Thank you as well to Ghana book trust. They are the primary NGO that receives the entire containers of used books. They were very gracious in receiving, storing and then helping deliver the books to CSAG. Let's not end here. Let's not stop with 2 shipments. I need help in getting a 3d shipment started. Please help send 2, 3 even 4 pallets of books this next time. **Each book delivered** with freight and duties and documentation to Ghana Africa from the United States **is less than \$.75**. *You could not buy these books new in the US at a bookstore for this price.* Please help. Please donate. Specify that you want your donation to buy used books. Then check back and see how much good so little money did for so many children. Thanks.



Books for Africa – Books Arrive Ghana



Can Fake these Smiles – 2200 Books

B. MTU iDesign Program: CSAG Water Supply System – We are please to present the final design report (DSR) from Michigan Technological University (MTU) for the fresh water sourcing, transport, storage and distribution system designed for the village of Adjei Kojo, Ghana. The **school and future Library** are in an area without these services, which are basic to the good health and future of the children we serve. The DSR was provided in two packages which I explain;



MTU estimates Phase 1 of the project, to supply Zone 1, to cost \$96,300. This would include the Dam pump station, intake structure, piping main, Zone 1 tank and distribution network. It also includes the entire village Ring Main. The other Zone water tanks, plus their distribution piping, would follow in subsequent Phases.

Only Zone 1 is detailed in the DSR with a full set of drawings. 400 homes are included in the Phase 1 DSR effort. Total cost of the project, with all 9 Zones, their Tanks and piping, is \$833,000. This can be reduced by use of local labor. The DSR provides some steps that can be taken going forward. An important item is water Filtration. The network will pump raw untreated water. This water must be treated first before its potable. Options must be developed and finalized. The DSR provides some suggestions, such as point-of-use filtration.

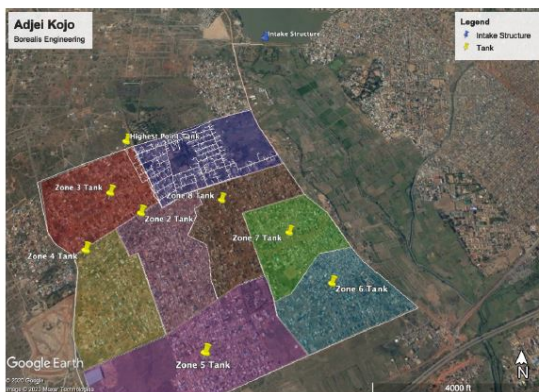


Figure 5. Overview of Adjei Kojo Project Boundaries

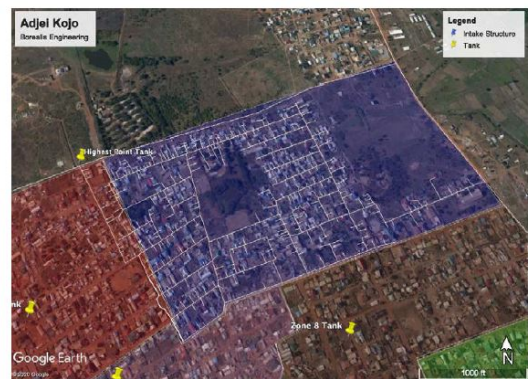


Figure 6. Overview of Zone 1 in Adjei Kojo

9 Zones – Adjei Kojo, Ghana

Zone 1 – 400 homes / 2200 residents