





Volunteer Name: Matthew Mccue **Country: Ethiopia Country project: Horticulture Crop Production and Sector Support Host: Social Development Coordination** Office of Robe (SDCOR) Venue: **Audience:** Number of people : 25 Date: 10-30-2017

## 1. Assignment Objectives as in SOW

- Train on various types of modern small scale irrigation (SSI) technologies
- Demonstrate installation of drip irrigation kits



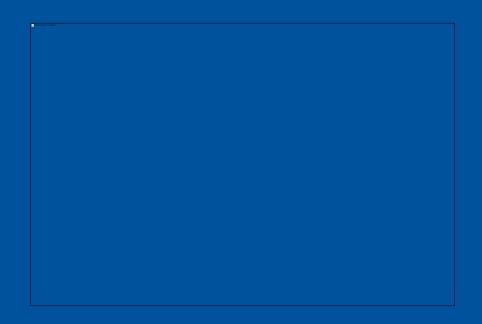
### 2. Achievement of the assignment objectives

- Trained 21 farmers and NGO workers in the gravity fed drip irrigation system.
- Installed functional gravity fed systems in 3 separate locations.
- Conducted market research and found the least expensive way to install the system.



# ATHOLIC RELIEF SERVICES regards to the assignment

- Install drip irrigation systems on 40 farms in the Shawshamane region.
- Request that CRS provide Kits and 200 liter drums if possible.
- Turn the installation process into a training event by hosting NGO workers across the country to help install the kits.





## 4. Anticipated Impact

- Farmers who have access to drip irrigation will make more money than farmers without.
- Word of mouth among the community will create a regional demand.
- Farmers will eventually be willing to purchase drip irrigation systems themselves.
- The extended season due to drip irrigation will reduce food insecurity during dry months.

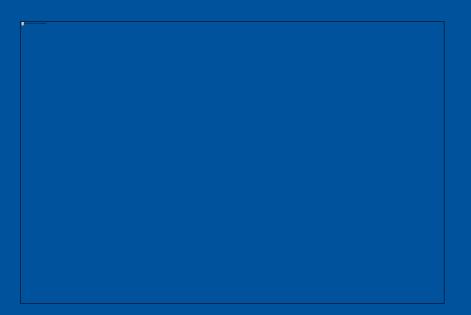






#### 5. Recommended future volunteer Assistance

I recommend a volunteer with business experience. I would like to see farmers being trained in fundamental business skills such as efficiency in production, logistics, marketing, and book keeping. I would like to introduce methodology and reasoning when it comes to choosing what crops to grow.





## 6. Recommendations to other non-host stakeholders

Local shop owners should be trained on, stock, and help market gravity fed irrigation systems. As demand grows for the system there will be opportunity to sell and profit from the kits.





# Action plan for host recommendations

| Recommendation  | Specific Action  | Responsible person                       | By when   |
|---|--|--|-----------|
| Install 40 kits   | Bring Kits to Sister Maria and RCS   | CRS staff                                | 15NOV2017 |
| Subtask: acquire 200 liter tanks for kits   | Request from CRS and RCS<br>funds to purchase 200 Liter<br>drums                           | Sister Maria                             | 15NOV17   |
| Subtask: create hands on training program that installs drip systems                  | Contact CRS and NGO workers nation wide  | CRS staff                                | 01DEC17   |
| Follow up on functionality of drip systems  | Bring on Farmer to Farmer<br>volunteer to return to installed<br>systems and troubleshoot. | Farmer to Farmer Volunteer/<br>CRS staff | 15March18 |
| Note: in addition to the kits, the<br>drum and accessories will cost<br>approx. 40USD |  |  |           |
|   |  |  |           |



## 7. How can CRS improve future volunteer experience

#### Hotels should be in less urban environments.



### Thank You!