

## Accomplishment Report on the Deployment of Two Clean Water System in CDO

January 24-27, 2012

January 21-23 – I was able to procure all the materials needed except for the battery and water containers to assemble the clean water systems and the low-cost sawdust stove. I was able to make a short video on how to assemble and use the stove. I was also able to demonstrate how to use a coiled copper tube to heat water while cooking. This video was sent to Fr. Eric together with the brick oven design (courtesy of Mayor Leonardo “Sandy” Javier of Javier, Leyte). Also attached is the specification of the Brick Oven that I asked our AIC Architectural Design Team interns to make.



## Jan. 24 – Site Inspection of the Xavier Ecoville Resettlement Area

Site inspection was done to identify the most appropriate spot where clean water systems can be installed. During the inspection, the following were seen: 150 Red Cross tents, 12 bunker houses made by the 52<sup>nd</sup> Engineering Army Brigade (a bunker can house 10 families), about 30 other bunker houses that were being constructed by International Organization for Migration (IOM). The following were in place: open canal system for liquid wastes, toilets, common cooking area, municipal water and electric supply connections. From the site inspection and coordination with XU officials, the clean water systems were agreed to be installed in one of the common wash areas.

On the same day, I met Floro Dalapag (Asst. Professor, XU Agricultural Science Dept.) who is in charge of the sustainable livelihood project. I discussed some of the AIC projects like vermiculture, waste water treatment, selling of clean water and other areas for possible collaboration. I also met Dr. Gina Itchon, MD (Head, Dept. of Preventive and Community Medicine) and she asked if AIC can come up with more portable bacterial kits and cheaper glucometer strips for measuring sugar level of diabetic patients. I also discussed some projects on telemedicine technology, gadgets and medical tools.



January 25 - Launching of Ecoville Resettlement Area

There was a ceremony where houses, mobile classroom and the clean water systems were blessed, and the first 40 out of the 500 families awarded with houses were welcomed.



In the same occasion, I had a brief meeting with Undersecretary Naderev Sano (Commissioner of Climate Change Commission), Jaime Ignacio (Coordinator for Physical Development of Resettlement Area), Dean Roel Ravanera (Chair of Resettlement Committee), Dexter Lo, (Head of XU Engineering Research) and Engr. Lito (Head of engineering team on site).



## January 26 - Installation of the clean water systems

Engineering graduates of XU composed of Red Angeles, James Aquino, and Jan Bugayong, two army personnel and six new residents were invited and trained to do the installation (one is a skilled electrician who lost his tools during the flood). I met Captain Danny Bacal, 52<sup>nd</sup> Engineering Army Brigade and he was very interested in collaborating with AIC on the deployment of clean water system in his native town that doesn't have electricity and drinking water.

After the installation of the clean water systems, Fr. Eric requested me to make the low-cost stove. So two hours after he gave the biscuit can, I was able to finish and show him how it works.



January 27 - Turn-over of the clean water systems

The clean water systems and stove were turned over to Mr. Nani Pacana (member of Community Organizing and Community Development). A head guard was assigned to secure the systems. Before I left the resettlement area, I saw the second batch of families moving-in.



Note:

Funds for the two clean water systems are donated by Gallego Architects and Salud Borrromeo Foundation, Inc.