

The Wonderland Academy Water Catchment System

The project is located in Canaan Camp, Bellevue Community, District of Croix des bouquets, Port-au-Prince, **HAITI (W.I)**

Problem addressed - In order to make the school even more sustainable we want to build a rain catchment system for it. There are 2 blocks of latrines available for the pupils, 1 for boys and 1 for girls. The school needs a water source that will support and allow (better sanitary condition) for the addition of new toilets. The current water source is a long way from the school and it is difficult to retrieve water due to the extreme slope of the work; otherwise 6 \$HT (30 Haitian Gourdes) must be paid for each US gallon of clean water closer. Therefore, there is a need to catch rain water that is free to truly solve this problem.

Project Description - The project is to build a rainwater catchment system for the school. The project will consist of building an underground tank placed under classrooms with a capacity of 25 cubic meters of water (6600 US gallons). A set of gutters attached to the roof of the school with piping to connect the gutters to the tank and for distribution to the buckets. This water may be used for various (different) school projects, but will primarily be used for potable water for the children. It will also be used at the restrooms for hand washing, to clean and flush toilets and for watering the school garden. Above all, during the seasons of drought, we would be able to cope with the scarcity of water. (The underground tank will be built under a classroom but at a level where it will be able to distribute water to the bathroom in order to maximize rainwater potential and shorten the length of piping.) The community will participate by assisting in the construction of the hole (digging), gutters and piping. They will also provide part of labor.

Project impact - Almost one hundred children and staff will benefit from the project. Added to this this project also has the aim to educate others about water conservation and what they can do using the rain catchment system as a means do so. This is an important project for the health and wellbeing of the pupils, the staff at the school and the community.

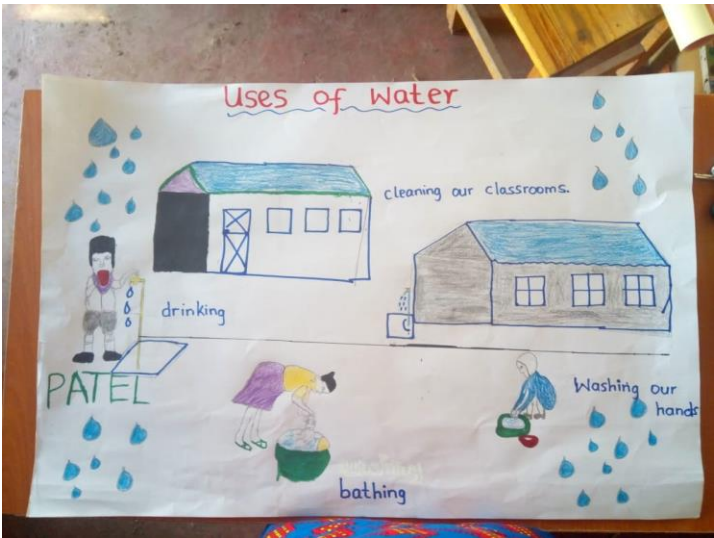
Construction March 2019



Haiti Construction of 6600 gallon Underground cistern



Teaching children at The Wonderland Academy about water



Engaging the Bellevue community regarding the water catchment system



The Wonderland Academy Completed with gutters and catchment system



Thank You Plaque In Honor of Rebecca Claire The Wonderland Academy (formally St. Patrick's School)



Painting by one of the students in the Wonderland Academy honoring Rebecca Claire Fakier – the angel “Becca”

Thanks to The LINKS, Inc. and HOW Global for making all this possible.

