



Tloma Giving
 1404 East 2700 North
 North Logan, UT 84341
Tlomagiving.org
TlomaGivingInfo@Gmail.com

World Water Day Mar 2021

In This Issue:

- [Investing in water leads to improved nutrition](#)
- [Water water everywhere and not a drop to drink](#)
- [A Well: the Sustainable Solution](#)
- [An opportunity to DOUBLE your impact](#)



In honor of World Water Day on March 22, this issue of the Tloma Giving newsletter will focus on our water-related projects and explain how investing in water meets Tloma giving's mission of "Investing in Bright Futures". Access to adequate, clean water is key to each of these goals: Enhanced Education, Improved Health and Nutrition and Economic growth for the Tloma area.

Tloma Primary School desperately needs a reliable source of clean water. As some of you know, the school has access to the municipal water system. However, this access is very inadequate. For example the pictures below show the faucet, bucket and cup that serve as the "drinking fountain" for the children. And although handwashing stations were mandated for the school to reopen after the three month pandemic shut-down, there is no piping for the water; the children must carry the water in buckets from the faucet shown below.

To make matters worse, the municipal water supply is not dependable. The school has no

funding to pay the water bill and water is shut off periodically due to the unpaid bills. Furthermore, during dry periods, there is little to no water flowing from the municipal tap. The children can't wash their hands, school lunches can't be cooked. Both health and nutrition are at risk. Hungry and sick kids can't learn.



Investing in water leads to improved

nutrition

As many of you know, lunch is provided at school only when families provide the needed funds to buy the beans and maize and to pay the cook. Children whose families can't pay are sent home, where there often is nothing to eat. Generous Tloma Giving supporters have donated to help support lunches for these children. While a lunch of beans and maize is preferable to no lunch at all, children are not getting the full nutrition required to support their learning and growth. Again water is closely related to the solution to these issues.

The school has a garden plot to grow food for school lunches. Each teacher has a small plot available for their use as well, but the limited supply and the unaffordable price of water prohibits irrigation. Therefore crops are primarily limited to drought-tolerant maize and bean crops. As we've reported in previous newsletters, Teachers Sulle and Paulina, along with Daudi - an employee of a local lodge who is currently out of work due to Covid - have planted a vegetable garden that is showing great potential. They have been harvesting water from a temporary leak in a tank on school property that belongs to the water company, and they are using that water for the garden. Produce has been given to the school cook to incorporate into the daily meals. See the beautiful greens and tomatoes they're growing:



Marjan Tieberink, a generous supporter of the school, has agreed to do a trial to provide a small stipend for Daudi and to pay for the additional water required to expand the garden. They are planting a larger variety of vegetables in addition to the greens and tomatoes and plan to sell produce to villagers. The goal is to create a self-sustaining business to benefit the teachers and students. Daudi has also been providing gardening instruction to the students and getting the other teachers involved as well. But paying for municipal water is expensive, and hauling water from the local river is extremely time consuming and difficult. However, as most villagers use this method to supplement their water needs.

Water water everywhere and not a drop to drink

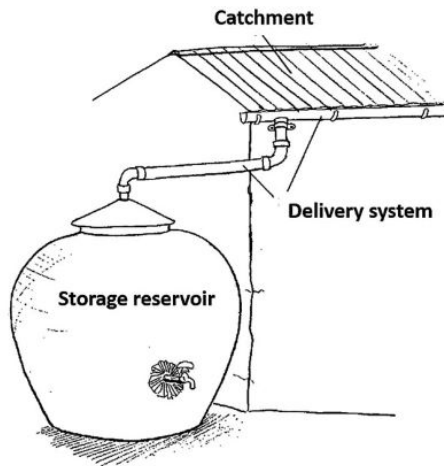
The nearby river is the source of much of the water for families in Tloma - but it must be carried in buckets for nearly a mile to their homes. And carrying the water usually falls to women and girls. This is also the bridge the children use to cross the river to walk to secondary school.



The images below show what happens when it rains. Fresh clean water is no longer useable as it turns to mud and muck.



A catchment system like the one shown below would not only eliminate much of the mud around the school, the storage system would provide Tloma Primary School with clean water for preparing school lunches, handwashing, and to irrigate the school garden. If the garden had adequate water, the vegetables would be used to supplement the children's nutrition and to sell to families in the area.



A Well: the Sustainable Solution



Our plan is to build a well to provide access to clean water for the families and the school in Tloma. Some of you may recall that the first drill site did not have a sufficient supply of water. New surveys using fracture tracing and geological surveys have been completed and have identified drilling locations which could have a significant supply of water. We are making plans to drill at one of these sites that seems to have better potential. We'll only know for sure once the drilling and pressure testing are completed.

How to ensure the well is sustainable? Building wells provides a clean source of water, but the problem that arises later is sustainability. Months or years down the road, where does the money come from for maintenance and repair for the well and its various parts?

Our approach solves this problem. Our plan is driven by the need to provide clean, reliable, and sustainable water to the school. However, we anticipate that the supply will greatly exceed the needs of the school. The excess water will be sold to the community to supplement their insufficient supply. Since electricity rates are fairly high in proportion to the price of water, we are looking at using solar power to run the well's pump. A portion of the proceeds from water sales will be set aside for well and related equipment maintenance.

The remainder of the proceeds will be used to support small business development in the area. In past issues of this newsletter, you've read about our success supporting "The Soap Ladies" who, in addition to making and selling soap are developing sewn products in preparation for the returning tourist trade, and they are learning to speak English. A goal is to expand the sewing operation to include making and repairing uniforms for Tloma Primary School. Currently families must order uniforms from a nearby city where they are made.

You may also remember reading about another new venture supported by Tloma Giving, Happy's Hen House. These businesses are helping to break the cycle of poverty in the Tloma area; helping to feed families and provide support for future prosperity.

With the well and associated water sales, there will be a need for a small building. Our plan is to use this building as a workshop and retail space for these and other budding entrepreneurs such as a local wood carver and other craftspeople. Once tourists begin to return, the local lodges have agreed to recommend our location as a place to visit for souvenirs.

An opportunity to DOUBLE your impact

Some of you are already supporting the children of Tloma with your gifts to buy food, uniforms, and fund secondary education. Some have already invested in the well. Now is an opportunity to double the impact of your gifts. We currently have a donor willing to match the first \$10,000 donated toward this campaign related to water needs. There are several phases and parts of these projects. Below are some estimated costs and potential giving levels. Of course, every gift is truly appreciated, but we want to give you the opportunity to make one of these projects a reality. Remember, all gifts are eligible for tax deduction since we are a registered 501c3.

Will you help us reach our goal of raising \$10,000 to maximize the match challenge?

Option 1: The Well

- Estimated Cost: \$33,000 – Includes land, drilling, build-out of the well, tanks, water vending station and pipes to distribute water to the school
- We have raised \$20,000, but we still need \$13,000 to complete this project
- Your gift will have double impact thanks to our generous matching donors.

Option 2: Workshop and Retail Center for water sales and small businesses

Estimated costs:

- Building - \$7,000
- School Uniform Production and Repair (Sewing machines and supplies) - \$2,000
- Souvenir and Gift Shop - \$1,000
- Soap Making Room - \$1,000
- Meeting and Storage Rooms - \$1,000
- We have raised \$500, but we still need \$11,500 to fund this project
- Your gift will have double impact thanks to our generous matching donors

Option 3: Supplemental Water Catchment System

Estimated costs: \$2000 which includes two 5,000 tanks, gutters and piping for two large buildings

- We have no current funding for the water catchment project
- You can be our first donor and double your impact with the match

Please help us make these projects a reality. Water is truly the key to health, education, nutrition and economic growth. Click on the link below to join us!

[Click to donate](#)

Questions? email us at TlomaGivingInfo@gmail.com

Website: <https://tlomagiving.org>


World
Water
Day



Tloma Giving | 1404 East 2700 North | North Logan, UT 84341



[Unsubscribe](#) | [About our service provider](#) | [View this email in your web browser](#)

Grow your business with  EMAILCONTACT