

# San Miguel NHS Water System Project Info's

## What is really the main problem?

**No available water** in the school, both drinking and potable water.

## What other issues that affect students does this main concern cause?

**No drinking water.** There is no available clean water for the students to drink. Most of them bring bottles of drinking water but it is still not enough for their consumption for the whole day. Most of them just bring packed lunches and don't go home during lunch break because of the far distance of school from their houses.

And with the fact that the school only depends on the amount of water from the rain, it is still not safe for our learners to drink the very limited rain water.

## Comfort rooms not cleaned/maintained

Most of our sanitation facilities, especially the comfort rooms, are not maintained. Most of them were already off limits and were not used because of the very bad smell until they were completely destroyed.

When there is rain, there is water. Without it, our utility worker fetches and each student brings water in a bottle to take to the comfort room. However, these efforts are still not enough to suffice the maintenance needed all day long with our 1, 130 students using only 4 to 6 functioning comfort rooms.



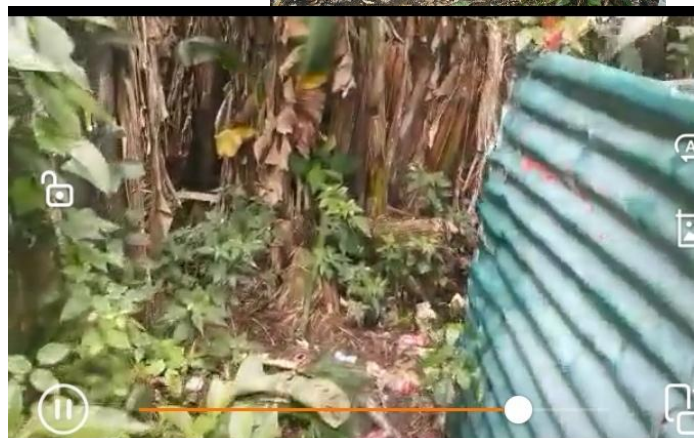
## Students' Health at Risk

Because of the very bad smell brought by the unmaintained and dirty comfort rooms, most students, especially girls, just hold their urinating and peeing for the whole day. And, that definitely affects their health. In fact, during the first few months of the implementation of the full face-to-face classes, some female students from the lower grade levels got sick and were not able to attend their classes.



## Students' Safety at Risk

Male students, and even girls who can no longer hold to urinate and pee, go to the back part and grassy area of the



school where waste materials are disposed of. There, they hide so that no one can see them urinating/ peeing, which they must supposedly do inside a clean comfort room. Because the area is grassy, there is a great possibility that snakes living there safety is really at risk.

### Is there an available water source within the school vicinity?

**None.** But, a **land water source** (with water spring) from the community can be utilized by the school to get water.

### Who owns it?

A private individual named **Mr. Avelino Borejon**, resident of Purok 5 Barangay Visita, San Miguel Island, Tabaco City.

### Where is it located?

**400 meters to 500 meters** away from school



### Are we allowed to get water from the land?

**Yes.** We can get water from his land through an **USUFRUCTUARY AGREEMENT**. With this contract, the land owner will allow us to get water from his property within 50 years, provided that his household will also be given access to water from the water system which we will put there.

## What is/ are needed for the school to generate water from the land source?

A sustainable WATER SYSTEM. For us to have this, we need the following:

### 1. Land source

A land with spring of water



Land owner points the exact location where the concrete water tank should be putted at.

### 2. Concrete Water tank

It is where water gathered from the soil will be stocked. This is where the greater part of the needed budget will be allocated.

### 3. Electric Water Pump

It is the machine which will pump water from the concrete water tank and deliver it to school through long water pipes. It is **already available** at our school.

### 4. Electricity

This is needed for the water pump to function. The island and its communities, including our school, are already being supplied with electricity by its power provider. However, our electric water pump will not function when there is a power outage. There are several times in a week that there are power outages, especially when it rains. Electricity easily gets off.

That's why, a solar source of energy is also considered for the sustainability of our water system. We will continuously make efforts to find sponsors for it.

### 5. Water Pipes and other plumbing materials

These materials will allow the water to flow from the water tank installed in the land with the functioning water pump. These things still needed to be purchased.

### What water system facilities does the school have?

We already have the following:

#### 1. Water Tanks for Rain Catchers

These are big water tanks donated a long time ago. We stock rain waters gathered from the roofs of some classrooms with through a rain catcher. However, it is very rare for this to be filled since the school has a great need of plenty of water supply to clean all facilities. And during summer, there is no water in it.

But if this water system project is realized, we can stock in it enough water from the land source which we can use in the restoration of our sanitary facilities and its maintenance every day.



*Water pipe from the Rain Catchers installed in the classroom roofs.*

#### 2. Concrete Water Tank for rainwater

We also have a concrete water tank installed inside the school vicinity. This is also for gathering rain water from the rain catchers. It was constructed years ago before the COVID 19 pandemic during the construction of our Senior High School building. However, until now, we cannot use it because the inner part of it is not yet finished and there is no budget for it already. Therefore, it was already left unused.

Unfortunately, even if our water system is realized, we still cannot use it unless its construction and final touches of inside of it are done.

