



**FOOD FOR THE POOR**

*Saving Lives... Transforming Communities... Renewing Hope*

[www.FoodForThePoor.org](http://www.FoodForThePoor.org)

## **WATER TREATMENT UNITS FOR HAITI - PHASE I**



**Port-au-Prince,  
Haiti**

## Project Goal

Provide a clean water solution for impoverished communities throughout Haiti.

## Project Description

The **Water Treatment Units For Haiti - Phase I** project will identify 5 impoverished communities to receive a Living Water Treatment System (LWTS) that will help create a healthier lifestyle for families living without access to clean water.

The first two communities identified to be in critical need are Duvivier and Croix-des-Bouquets, both of which are located in the Port-au-Prince metropolitan area.

The LWTS, manufactured by Water Missions International, is an effective, community-based water purification system that treats contaminated surface and ground water by removing suspended pathogens. In communities that already have a well or cistern, the cost savings will be applied toward the purchase of additional systems and supplies where needed.

With more than 11,600 registered cases of COVID-19 in Haiti, as of February 2021, a critical need in fighting the spread of this deadly disease is access to clean water supply. Through this project, clean water will be made available for each community with the fulfillment of the following components:

- On-site community assessment
- Engineering and design
- Water source development
- Concrete security enclosure for LWTS with water distribution taps
- Electrical connections
- Pumping equipment
- Water storage tank
- Water treatment units
- Piping
- Community mobilization
- Safe Water Committee with operator training
- WASH training
- Post-commissioning, including monitoring & evaluation, follow-up, and support

Food For The Poor (FFTP)-Haiti will collaborate with Water Missions International to ensure that 5,000 projected residents will have access to clean potable water.

The completion date of this project may be extended for issues related to weather, natural disaster, or civil unrest to the extent that such events exceed normal conditions and impede the project's progress.

**Total Project Costs: \$303,246.63**

## Haiti

Haiti is the poorest country in the Western Hemisphere. An estimated 60% of the population lives below the poverty line, searching for enough food to eat, clean water to drink, and a safe place to live.

In the most recent Human Development Index (HDI) report, Haiti was 169 out of 189 countries, with an HDI value of 0.503. HDI is a summary measure of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable, and having a decent standard of living. Haiti is the only country in the Latin American and Caribbean group in the “low human development” category. With a gross national income of \$1,665 per inhabitant, 41.3% of the population is considered multi-dimensionally poor. The vast majority lacks the basic needs such as food, proper housing, education, and health care.

Clean water for drinking, cooking, and bathing is not readily available for most Haitians, and the use of contaminated water continues to fuel the spread of various waterborne diseases.

FFTP began working to help the poor of Haiti in 1986. Today, the organization is one of the country’s largest providers of emergency relief and sustainable development projects.

## Port-au-Prince

Port-au-Prince, the capital and largest city of Haiti, has an estimated population of 2.6 million in the metropolitan area. Many of the city’s inhabitants are concentrated in densely populated slums that are rife with violence and a breeding ground for diseases, due to the lack of basic water and sanitation facilities.

## Duvivier

Identified as one of the communities in dire need of clean water, Duvivier is located in the commune of Cité Soleil, in the Port-au-Prince metropolitan area. It consists of approximately 6,000 people, 75% of whom are unemployed and living in precarious conditions.

To sustain themselves, residents engage in small trade businesses, operate motorcycle taxis, or cultivate subsistence crops such as plantain, cassava, mango, and sugar cane.

Most people live in rudimentary shacks with dirt floors and no indoor plumbing. Without immediate access to potable water, primitive wells are manually dug as people desperately search for water.

Father Jean Nicolas Printemps is an advocate for the poor. He operates the theological school in the area and reached out to FFTP for help. In response to the need, an LWTS will be installed on the school campus, for which he will be responsible for its management and maintenance.

## **Croix-des-Bouquets**

Croix-des-Bouquets is the second community identified that is in critical need of clean water. This community of 20,000 inhabitants survive off small trade businesses and animal breeding. Eighty percent of the population is poor, unemployed, and without access to potable water. Their main source of running water is from rainfall.

The Sisters of Saint Joseph of Cluny serve the community of Croix-des-Bouquets, which lies near Port-au-Prince in the Ouest Department. An LWTS will be installed on the campus at Saint Joseph de Cluny Cabrit, for which the sisters will be responsible for its management and maintenance.

## **Water Missions International**

Water Missions International is just one of the partners that works with FFTP to implement integral water programs. Using innovative technology and engineering expertise, the non-profit engineering organization designs, builds, and implements safe water programs to provide water, sanitation, and hygiene (WASH) solutions for people in developing countries and disaster areas. Their extensive experience in solar-powered pumping solutions is cost-effective for delivering safe water to people in need. Solar power requires little capital maintenance and is easy to operate, with short training times.

Water Missions International officials first conduct a community assessment of the existing water conditions in order to determine the most sustainable, safe water solution for the community.

Training is an integral component of this program to ensure its long-term effectiveness. In addition, local community leaders are elected to form a committee, which will oversee the management and care of the units.

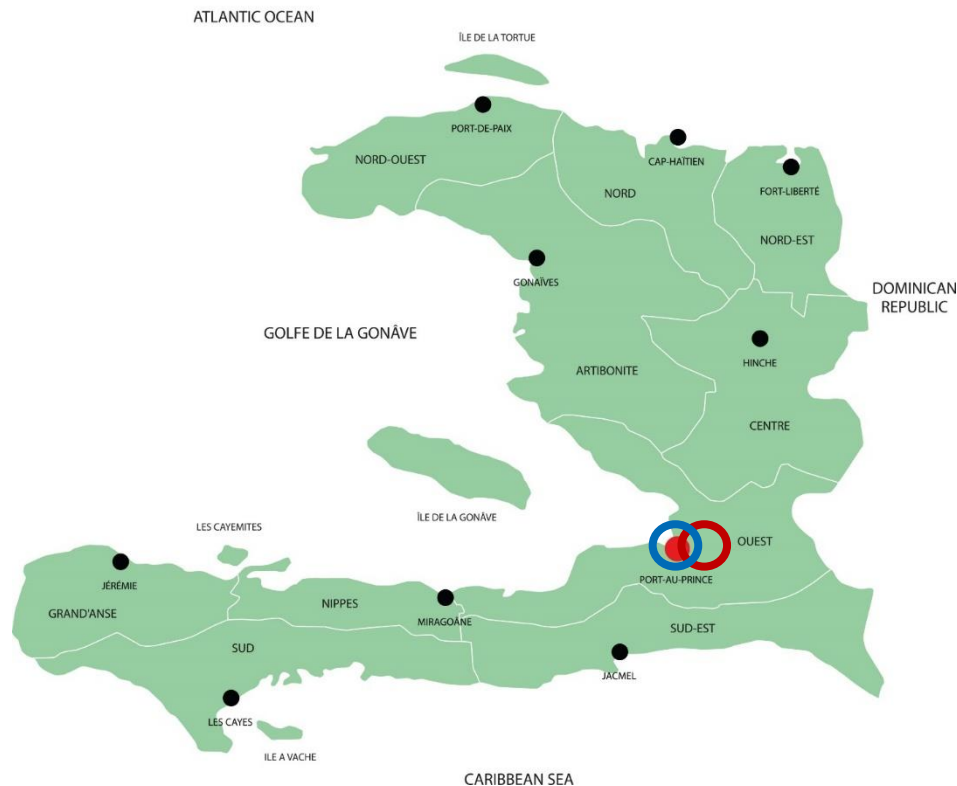
## LWTS for Haiti

The LWTS treats up to 10 gallons of water per minute and can support a community of up to 3,000 people. The system is of rugged design, can be transported by pickup truck, and is operational within about 4 hours.

These water treatment units in poverty-stricken communities are the difference between life and death. Please prayerfully consider partnering with us to provide thousands of individuals with life-saving water!

*“And if anyone gives even a cup of cold water to one of these little ones who is my disciple, truly I tell you, that person will certainly not lose their reward.”*  
*Matthew 10: 42*

## HAITI



### GPS Coordinates:

**Port-au-Prince: 18°58'16.3"N 72°17'06.7"W**

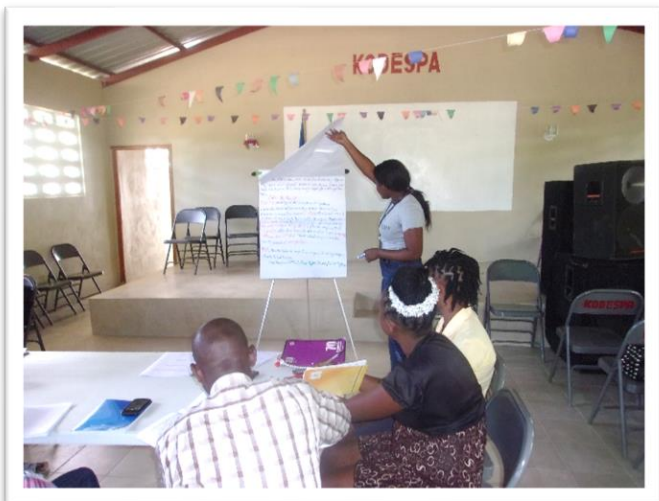
**Croix des Bouquets: 18°34'43.9"N 72°14'22.8"W**



*A LWTS is comprised of 4 stackable cages, each measuring 48 inches wide, 40 inches deep, and 46 inches high. The LWTS weighs 1,600 lbs and can operate with a diesel-powered generator, solar panels, or a combination of the two.*



*A very important part of this project is the training workshops, which demonstrate the importance of good hygiene and hand-washing practices. Now more than ever, these practices are vital to combat the spread of COVID-19.*



*Thanks to the faithful support of donors, we have installed LWTS units in other communities for residents in need. With your partnership, FFTP will be able to continue to supply life-giving water to many more in Haiti.*



## Budget

QTY	UNIT	DESCRIPTION	AMOUNT	TOTAL
<b>Community Assessment</b>				
5	Each	Fieldwork and on-site assessment	\$1,909.09	\$9,545.45
5	Each	Engineering and design	\$1,126.83	\$5,634.15
<b>Construction and Installation</b>				
5	Each	Water source development	\$931.16	\$4,655.80
5	Each	Concrete security enclosure with water distribution taps	\$14,350.20	\$71,751.00
5	Each	Electrical connections	\$3,152.91	\$15,764.55
5	Each	Pumping equipment	\$2,672.89	\$13,364.45
5	Each	Water storage tanks	\$1,234.15	\$6,170.75
5	Each	Water treatment units	\$10,288.19	\$51,440.95
5	Each	Piping	\$871.86	\$4,359.30
<b>Community Development</b>				
5	Each	Community mobilization	\$2,111.65	\$10,558.25
5	Each	Safe Water Committee with operator training	\$2,882.99	\$14,414.95
5	Each	WASH training	\$3,933.73	\$19,668.65
5	Each	Post-commissioning, including monitoring & evaluation, follow-up, and support	\$7,193.28	\$35,966.40
		<b>Total Direct Costs</b>		<b>\$263,294.65</b>

<b>Indirect Costs Corporate, Network, &amp; Field Operation</b>	
In-country project management expenses	\$13,317.33
Food For The Poor fulfillment, project management and monitoring expenses	\$26,634.65
<b>Total Indirect Costs</b>	<b>\$39,951.98</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$303,246.63</b>



*The funds you generously contribute to Food For The Poor will be used toward completion of your project of choice. If any of your donation exceeds budget cost, rest assured that it will be used to fund other Food For The Poor programs and organizational support to meet the urgent needs of the poor.*

*Contributions are tax-deductible under Internal Revenue Code Section 501(c)(3).*

## **About Food For The Poor**

Food For The Poor, one of the largest international relief and development organizations in the nation, does much more than feed millions of hungry children and families primarily in 17 countries of the Caribbean and Latin America. This interdenominational Christian ministry provides emergency relief assistance, clean water, medicine, educational materials, homes, support for orphaned and abandoned children, care for the aged, skills training, and micro-enterprise development assistance. For more information, please visit [www.FoodForThePoor.org](http://www.FoodForThePoor.org).