

# 2021 ANNUAL REPORT



WATER ENGINEERS FOR THE AMERICAS & AFRICA  
*Making connections. Empowering communities. Changing lives.*

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# 2021

Dear Friends and Supporters of WEFTA,

Welcome to our 2021 Annual Report. At WEFTA we continue to be grateful to our sponsors and partners, the communities we work with, and our volunteers. Collectively we've all been given the opportunity to create positive impact by providing basic water and sanitation to those born into a world that hasn't given them this same access. While most of us living in a developed country take this for granted, those not as fortunate spend hours and energy every day dealing with this: People get sick, girls drop out of school, and lives are cut short because of this cruel reality.

Through our partners and volunteers this past year, we've been able to reach farther and secure help with resources that have provided assistance with funding, on the ground resource assessments, system design, construction, start up, and ongoing monitoring. Community meetings have been held with particular attention to maintaining systems' long-term operation. Working in collaboration with the network of professionals and volunteers we have developed, has proved to be invaluable. The result is more people providing more help to more people – all a good thing.

Our on-the-ground partners this year included the Daughters of Charity of St. Vincent de Paul in seven countries, Village Health Partnership in Ethiopia, Suma Jayma in Bolivia, Sanitation and Water Action (SAWA) in Tanzania, and World Vision in Honduras.

Additional help and connections were obtained through Global Water 2020, Catholic Health Association, Parish Twinning Program of the Americas, and Michigan Tech. Also importantly, the Vatican committed to work on the lack of access to WASH resources in healthcare facilities and helped push for funding and resources to address the inequity. A description of each of these organizations is provided on the final pages of this report.

In the coming year, we anticipate our networks to get stronger and to reach out for additional resources that should allow the work to continue and to grow.

But again, we thank our supporters, sponsors, and volunteers for partnering with us to impact lives that we've been given the opportunity to help change.

Peter G. Fant, P.E.  
President

# OUR MISSION

Our mission is to connect volunteer professionals and partners with communities in developing countries to improve water, sanitation, and hygiene resources for the benefit of those communities and the environment.



# WHERE WE WORK

Bolivia\*  
Burkina Faso\*  
Colombia  
El Salvador

Ethiopia\*  
Ghana\*  
Guatemala  
Honduras\*

Kenya  
Mexico\*  
Nigeria\*  
Panama

Paraguay  
Peru  
Tanzania\*

\*Completed WEFTA project(s) or active progress during 2021



# WASH in HCFs

Across the world's 47 Least Developed Countries (LDC), an estimated half of healthcare facilities do not have basic water services according to the WHO and UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP). The Report also finds that two thirds of healthcare facilities in LDCs lack basic sanitation.

To improve these findings, WEFTA collaborates with strategic partners to evaluate healthcare facilities (HCFs) that lack access to water, sanitation and hygiene (WASH) resources, primarily water supply and wastewater treatment. There is a critical need for WASH resources in healthcare facilities throughout all regions WEFTA serves.

In 2021, WEFTA completed multiple WASH in healthcare facility projects and continued to work on efforts in progress in Tanzania, Ethiopia, Burkina Faso, Ghana, Nigeria, and Mexico.

# CIRCUIT RIDER PROGRAM

Since 2012, WEFTA has supported in-country technical specialists, known as circuit riders, who provide community services related to our water and sanitation projects. WEFTA circuit riders are individuals with exceptional WASH knowledge and experience, and an ability to work directly at the community or system level. By traveling to and interacting with the same communities continuously, these technical teams can easily anticipate and address future issues.

The services provided by the circuit riders involve assisting with project feasibility assessment, on-site project construction management, and post-construction follow-up. Water committee members and operators are also trained on system operation, maintenance, and management. By providing effective follow up and training, the water and sanitation systems are sustainable over longer periods of time.

WEFTA's circuit rider program is designed to be entrepreneurial in nature whereby the circuit rider can provide technical assistance to multiple systems in a region while charging the water or wastewater system committees for the services provided. On occasion, WEFTA also offers the circuit riders a stipend to ensure our projects see continuity in services, but it is our vision that circuit riders become self-sufficient over time based on the critical community support they provide.

WEFTA has active circuit rider programs in Bolivia, Panama, Mexico, and Honduras and we are currently working closely with our partners to expand the program for implementation in Ethiopia, Kenya, and Tanzania.



# PROJECT & ACTIVITY HIGHLIGHTS



# MEXICO

## Hospital San Carlos Wastewater Treatment



In September 2021, construction of the wastewater treatment system for Hospital San Carlos in the municipality of Altamirano, Chiapas was completed. The Hospital was built in 1969 and serves the Indigenous communities living in and around the Central Highlands and Eastern Mountain regions of Chiapas, Mexico. This nonprofit hospital is run by the Daughters of Charity of St. Vincent de Paul and serves approximately 20,000 people annually.

WEFTA team members, Justin and Taylor, were on the ground working with our in-country partners to complete this final phase of the wastewater treatment system. The new wastewater treatment system consists of an anaerobic reactor and recirculating filter. The wastewater is treated to a level where it flows into a sub-surface drain field for further natural treatment.

The Hospital staff and patients now have safely treated wastewater that will not come in contact with humans, animals or surface water – breaking the cycle of water borne disease and pathways of contamination.



# IN LOVING MEMORY

## *Sor Adela Ma. Teresa Orea Duarte*

It is with great sadness that we said goodbye this past year to Sor Adela, our dear friend and matriarch of Hospital San Carlos.

Sor Adela passed away after decades of dedicating her life to the health and quality of life of the people in the region. She was instrumental in securing funding and executing the projects alongside WEFTA and Waterlines.

It has been an honor for WEFTA to have served alongside Sor Adela for the past 20 years.

“Sor Adela was the epitome of the following poem by St. Francis of Assisi –

*‘There are beautiful wild forces within us. Let them turn the mills inside and fill sacks that feed even Heaven.’*

Sor Adela was a Wild Force who filled the sacks with Love for the Indigenous communities of Chiapas.”

- Ramon L., WEFTA Volunteer



# HONDURAS

WEFTA continues to perform post-construction and ongoing project follow-up in Honduras. During July and August of 2021, long-time WEFTA volunteer engineer, Andrew, traveled to Honduras to meet with in-country partners and local governments. He visited over 10 communities, assessing the status of completed projects, investigating new potential projects, and working on the ground with current projects in motion.

For the La Iguala project, the WEFTA team inspected the work on the ground and helped troubleshoot and make repairs, in addition to providing training for proper operations and maintenance of the system to ensure long-term sustainability. This communal water project serves over 1,800 people in the communities of Llano Largo, Guadalupe, and Quioco.

Over 10 miles of pipeline installed during construction of the La Iguala project brought safe and reliable, running water for the first time ever to the residents of Llano Largo.

A formal inauguration of the La Iguala project was held in July 2021.



# HONDURAS

An elderly woman with grey hair, wearing a bright green short-sleeved shirt and a black skirt with large pink and white floral patterns, is focused on washing a red cloth in a large, weathered metal bowl. The bowl sits on a grey stone surface. The background is a blurred outdoor setting with a body of water and rocks.

WEFTA's site visit during August 2021 also included investigation of some new water projects. This included a project in collaboration with World Vision, the Catholic Diocese, and the municipal government for the communities of Las Uvitas and El Tamarindo to provide safe drinking water for over 1,700 people (282 families). Currently, these communities are using water from the Chulteca River, one of Honduras' most contaminated rivers – downstream from multiple wastewater outfalls of the capital Tegucigalpa. We are actively seeking funding to improve the water supply for these communities.

Another water project on the horizon that was assessed during WEFTA's visit is for the community of Policarpo Galindo located on the Honduran island of Roatan. This community has a failing water system. The system cannot accommodate the 400 families that are currently tapped into it, and these community members only receive water every 10 to 12 days. In collaboration with our in-country partners at Clinica Esperanza, we are currently seeking funding to improve the water system for the community of Policarpo Galindo.

During July and August, site visits were also made by WEFTA to the communities of Chusquin, Mejote, Consolacion, Monquecagua, Pueblo Viejo, and Ojojona, to assess completed and ongoing projects, and to investigate new potential projects.

# PANAMA



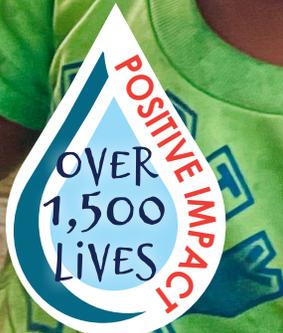
## Comarca Ngöbe-Buglé and Bocas del Toro Water System Renovations

The first phase of construction began in October 2021 for a water system renovation project that will increase water source and storage capacity for 3 communities in the Comarca Ngöbe-Buglé and 2 communities in the Bocas del Toro Province of Panama. A site visit made in 2020 determined that many of the communities in the Comarca Ngöbe-Buglé and Bocas del Toro regions have grown to exceed the supply of the current water systems.

These regions are home to the Ngöbe-Buglé people, Panama's largest Indigenous group, living scattered along the forested boundaries in undeveloped tracts of land where they survive on subsistence agriculture. The need to improve access to reliable water for the households, schools and health clinics is critical.

Our Circuit Riders on the ground continued working closely with the community members to keep this multi-phased project moving forward while travel restrictions limited deployment from the U.S. WEFTA will make a post-construction follow-up trip in 2022.

This completed project will positively impact over 1,500 lives.



# BOLIVIA



Our in-country partners, Suma Jayma, continue their efforts to provide safe drinking water for Indigenous families living on the Altiplano of Bolivia. Since 2004, the Suma Jayma team have worked to construct new wells and hand pumps for families while the communities, in turn, contribute labor and materials.

In March 2021, Suma Jayma completed a multi-phased project which included fabrication of hand pumps and construction of protected wells for 48 Indigenous families in the community of Kalla Centro.

In September, through a collaborative effort with UNITAS, a Bolivian NGO, and private donors, Suma Jayma completed two additional wells and hand pumps projects serving 22 families in the communities of Aypa Chullunkhayani and Aypa Paroyu. UNITAS contributed the materials for this project while our WEFTA donors provided support for Suma Jayma's labor and time.

In December, through partnership and financial support from The Spirit of Christ Church based in Colorado, Suma Jayma successfully completed wells and hand pumps for 11 Indigenous families of the Ajnocollo Community in the municipality of Caquiaviri.

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# BOLIVIA

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Late in December 2021, additional funding was secured to support the next phase of the UNITAS project for the communities of Ejra and Karhuamaya. The project will continue into 2022 in the same manner as the phases completed in 2021.

WEFTA is in the third year of a partnership program with the Wheaton Franciscan Sisters who have provided generous financial support for our projects in Bolivia. A new project phase began in October for construction of protected water wells and pumps for 142 more Indigenous families on the Altiplano. Community education and post-construction follow-up are included with this phase which will carry over into 2022.

The completion of these projects will positively impact over 1,000 lives.



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# BOLIVIA

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Also in Bolivia, in collaboration with the Wheaton Franciscan Sisters and our in-country partners, CONSES, construction of 40 ecological bathrooms for families in the community of Santa Cruz began in October.

Great progress continues as CONSES works closely with local NGOs and peri-urban communities in Bolivia to bring an effective solution to sanitation problems.

Over 200 lives will be positively impacted by this completed project.

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In the small town of Samaipata, located in the eastern foothills of the Bolivian Andes, the WEFTA team collaborated with the community to develop plans and provide technical support for a new water storage tank slated for construction in 2022.

Additionally, WEFTA volunteers will perform post-construction follow-up and provide technical assistance to the municipal engineers and water board members of Samaipata regarding other water and wastewater system issues.



# PARAGUAY

In June, our Bolivian in-country partner and founder of CONSES, Julio, traveled to the Central Chaco region of Paraguay to evaluate the feasibility for a potable water supply project for the city of General Bruguez. Julio, a civil engineer, performed an assessment and met with the Daughters of Charity Sisters that are working with the most vulnerable people of the community.

More than 80% of the Chaco region is characterized by a water shortage due to severe drought conditions over the past years.

Julio's initial evaluation of the existing system shows that the proposed water system project will require improvements to almost every aspect of the existing system. The project will need to include new water sources, treatment methods, and adequately sized and expanded water storage facilities to accommodate a growing population. Additionally, some of these water system assets will require land acquisition.

The conclusion, so far, is that this is a very large-scale water infrastructure project that is likely not the sole responsibility of the DOC and a more localized solution will need to be explored. Julio continues to work with the Sisters and the Mayor of General Bruguez on these potential solutions.





# BURKINA FASO



## Clinic Notre Dame de Esperance Water System Improvements



Through collaborative efforts with the Daughters of Charity (DOC) and our in-country partner, Samuel, an engineering professor, a water supply assessment of the Clinic Notre Dame de Esperance located in the community of Nouna, will be conducted in 2022.

The assessment will be used to determine the status of water, sanitation, and hygiene (WASH) in Nouna, and help determine the best solution for WASH improvements in the clinic and in the communities it serves. WEFTA will provide technical, contractual, and financial oversight and will assist with project implementation.

This project is one of four WASH in healthcare facilities (HCF) initiative projects that will improve the WASH resources of the HCFs run by the DOC and supported by the DOC – International Project Services (DOC-IPS).

In Zoom meetings with our on-the-ground partners, we discovered that the region of Nouna is particularly challenged by having a large influx of immigrants fleeing war torn countries and climate stressed areas. The DOC Sisters provide assistance at the clinic to all the refugees they can support.

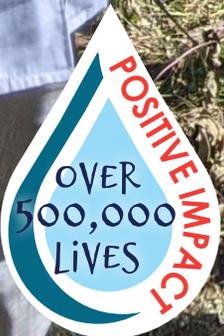
# ETHIOPIA

## Water Supply Development and Assessments in the West Omo Zone



In October 2021, WEFTA volunteer engineers Stephen, Emily and Scott traveled to the West Omo and Bench Sheko Zones of Ethiopia in partnership with Village Health Partnership (VHP). The purpose of the trip was to perform assessments of VHP-supported healthcare facilities (HCF) to identify gaps in the facilities' ability to provide clean and safe maternal healthcare. WEFTA volunteers supported VHP by performing assessments of each HCF's water and sanitation hygiene (WASH) assets.

The WEFTA volunteers also researched the feasibility of implementing chlorine generation and a hub-and-spoke model of distribution of chlorine in VHP-supported HCFs in the West Omo and Bench Sheko Zone. The rest of the VHP team performed additional assessments of each HCF's clean and safe healthcare (CASH) capabilities. WEFTA and VHP worked closely with local partners during the trip to perform these assessments, including staff from Afro Ethiopia Integrated Development (AEID) and the Mizan Tepi University Teaching Hospital (MTUTH).



# St. Mary's Water Supply Improvements



# ETHIOPIA

WEFTA provided oversight for well drilling, well development, and improved water distribution for the Daughters of Charity (DOC) compound which included St. Mary's School, Laboratory and Health Clinic located in Addis Ababa. These water supply improvements were completed in early 2021. Prior to developing the well, the DOC Sisters relied on the municipal water system which operated only intermittently, so considerable time was spent filling up cisterns and tanks on the property.

After the long journey through the West Omo Zone in October, the WEFTA team stopped in to check on the completed project at the DOC compound, and to meet with our in-country partners and the DOC Sisters before heading home to the U.S. The team discovered that the Sisters use the new well to not only provide water to the school and staff, but to many in the surrounding community.

This improved water supply now provides daily access to a safe reliable water source for over 4,000 students, staff, and patients, and positively impacts over 10,000 people from the communities and programs the laboratory and clinic serves.



# ETHIOPIA

## Danka Catholic Health Clinic Water System Improvements



Through collaborative efforts with our partners on the ground in Ethiopia and the Daughters of Charity (DOC) of St. Vincent de Paul International Project Services, we are working towards water, sanitation, and hygiene (WASH) improvements for the Danka Catholic Health Clinic located in Dembi Dollo in the Western Wollega region of Ethiopia.

This project is one of four water, sanitation, and hygiene (WASH) in healthcare facilities (HCF) initiative assessment projects that will support the healthcare facilities run by the DOC and supported by the DOC – International Project Services (DOC-IPS). The assessment will be conducted in 2022 by our in-country partner, Birassa.

From this assessment, a report will be produced to identify the status of the WASH facilities and help determine the best solution for and improvement of WASH in the clinic and the communities it serves. WEFTA will provide technical, contractual, and financial oversight and will assist with project implementation. Like the project at St. Mary's in Addis Ababa, the DOC Sisters plan to provide access to the water supply to their neighbors.



# GHANA

## HOP AKANLU BLOCK



## Immaculate Conception of Mary Health Centre Water System Improvements

Through collaborative efforts with the Daughters of Charity (DOC) Sisters and our partner on the ground, Fati, a local field engineer, an assessment of the Immaculate Conception Health Center in the community of Kongo-Logre was completed in 2021. Several major water supply issues at the health center have been identified and will need to be addressed in 2022.

This project is one of four water, sanitation, and hygiene (WASH) in healthcare facilities (HCF) initiative assessment projects that will support the healthcare facilities run by the DOC and supported by the DOC – International Project Services (DOC-IPS).

WEFTA will provide technical, contractual, and financial oversight and will assist with project implementation.

# NIGERIA



## St. Catherine's Hospital & Maternity Ward Water System Improvements



St. Catherine's Hospital and Maternity, located in Iwaro Oka, Ondo State, is one of four water, sanitation, and hygiene (WASH) in healthcare facilities (HCF) initiative assessment projects that will support the HCF run by the Daughters of Charity (DOC) and supported by the DOC – International Project Services (DOC-IPS).

Through collaborative efforts with the DOC, and our in-country partner and local groundwater hydrologist, Dom, a project assessment and report will be produced in early 2022. This report will identify the status of WASH facilities at St. Catherine's and help determine the best solution for improvements of WASH at the facility and the communities it serves. WEFTA will provide oversight and will assist with project implementation.



# TANZANIA

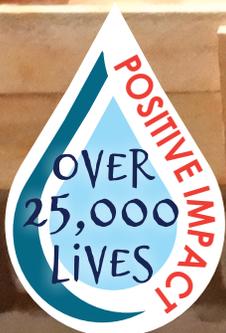
## St. John's Hospital Lugarawa Water and Wastewater Improvements



WEFTA worked in collaboration with Tanzanian in-country partners, Sanitation and Water Action (SAWA), to implement the St. John's Lugarawa Water & Wastewater System Improvements project. Located in the Njombe region of Tanzania, St. John's Hospital is situated about 800 km southwest of Dar es Salaam in the village of Lugarawa and is the only resource for people with medical needs within a 100 km radius.

Before the new water and wastewater system was installed, both the hospital and the village had encountered water system and sanitation infrastructure problems which contributed significantly to public health challenges in the region. This project was finalized in early 2021. Quarterly monitoring visits will be performed by SAWA.

This successfully completed project now provides a safe, reliable water supply daily to roughly 2,200 people directly at the hospital, the church, and the schools. Indirectly, these institutions serve the entire village and the people in the surrounding communities, positively impacting over 25,000 lives.



# Mpapa Health Center Water System Improvements Project



In collaboration with Sanitation and Water Action (SAWA), our in-country partners, an assessment of the Mpapa Health Centre and 4 satellite clinics was performed to determine the water and sanitation needs for these healthcare facilities.

In Fall 2021, we partnered with Michigan Technical University (MTU) senior environmental engineering design students to further develop this critical project. The students, during the fall semester, were able to put together a preliminary engineering report that covered the water engineering needs of the primary hospital in Mpapa.

This complete project for Mpapa and the surrounding field clinics is a long-term project with multiple moving parts. In late 2021, a private donor funded the first phase of the project — the source capture and water transmission line to get clean water flowing to the primary hospital. We are still in search of further funding for treatment, storage, distribution, and WASH improvement work for the Hospital and satellite clinics.



## TANZANIA





# PARTNERSHIP/COLLABORATOR DEVELOPMENT



### Daughters of Charity – International Project Services (DOC-IPS)

WEFTA is working in collaboration with DOC-IPS to provide technical assistance to the Sisters working abroad on WASH improvements within their facilities. WEFTA is committed to supporting the DOC-IPS in all ways possible. The network of Daughters and capability of the Sisters to undertake WASH projects is amazing. Notable projects are the existing WASH in HCF improvement projects and projected projects under the Vatican WASH in HCF initiative. In early 2021, DOC-IPS made a request for assistance with four new projects — one each located in Ghana, Burkina Faso, Nigeria, and Ethiopia. WEFTA is working with local partners to help facilitate the efficient and effective delivery of these critical WASH projects.

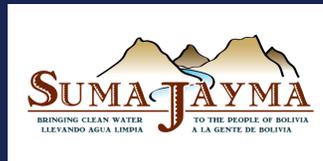


Village Health Partnership  
*safer motherhood in rural Ethiopia*

### Village Health Partnership (VHP)

WEFTA is working in collaboration with VHP on the improvements of Healthcare Facilities (HCFs) in the Western Omo Zone of Ethiopia. This collaborative relationship began in 2016 when WEFTA volunteers were recruited by Waterlines to travel to Ethiopia with the VHP team to evaluate groundwater supplies for the HCFs.

VHP was founded by Dr. Migs Muldrow who grew up in Ethiopia and returned in 2008 and started collaborating with other NGOs to focus on maternal and infant care at the government-run HCFs. The majority of the HCFs where VHP works need improved water and sanitation facilities. In 2021, activities included developing a WASH and CASH (Clean and Safe Healthcare) application for rapid assessments carried out at 12 HCFs in the Western Omo Zone, as well as providing three WEFTA volunteers to assist in the assessments during the October trip to Ethiopia. The team is currently working on providing technical assistance on new groundwater wells with solar pumps to the clinics most in need of water supply improvements.



### Suma Jayma (SJ)

WEFTA is proud to work with Suma Jayma on the evaluation and implementation of groundwater wells for Indigenous families living in the Altiplano of Bolivia. WEFTA has been working with SJ since 2004. Both our board member, Jason Gehrig, and field engineer, Jason Obergfell, maintain consistent coordination with SJ on their field projects. In 2021, with WEFTA's assistance and funds from our donors, SJ was able to complete multiple groundwater well installation projects for the communities they serve.



### Sanitation and Water Action (SAWA)

WEFTA has been working with SAWA, based in Tanzania, since 2019 on the WASH in HCF initiative. SAWA has the capability to assess the water and sanitation status of a healthcare facility, then propose improvements to elevate the HCF's WASH status. SAWA has assisted WEFTA in improving the water and sanitation resources in 3 HCFs in Tanzania and they are currently working on improvements for an additional HCF project that will carry into 2022.



### Waterlines

In June of 2021 our sister organization, Waterlines, closed its doors after serving rural communities throughout Latin America and Africa for over 20 years. What an amazing legacy! All remaining project follow-up was transferred to the responsibility of WEFTA. We are grateful for the relationship developed over the past 20 years and will continue the rigorous Waterlines methods for post-construction project follow-up.



Wheaton Franciscan Sisters  
Ministry Fund

### Wheaton Franciscan Sisters (WFS)

WEFTA is proud to work with WFS to collaborate on water and sanitation improvements for rural communities and HCFs. In 2021, WEFTA received another round of funding from WFS to work on three specific projects. One project is in collaboration with Suma Jayma for improved groundwater wells for Indigenous families in rural Bolivia. The second project is in collaboration with CONSES for the construction of improved bathrooms for a rural village in Bolivia. The third project is for the assessment and planning for WASH improvements in HCFs in Africa in collaboration with the Daughters of Charity.



### Catholic Health Association (CHA)

In 2021, WEFTA connected with CHA by way of our friends at the Daughters of Charity-IPS. WEFTA is proud to support CHA's activities that support the Vatican Initiative for WASH improvements in HCFs in countries where the need is greatest.

### WALLACE GENETIC FOUNDATION



### Wallace Genetic Foundation (WGF)

WEFTA is grateful for the relationship we continue to foster with WGF. Our collaborative relationship allows for operational funding to ensure we can cover costs in fulfilling our combined missions. In 2021, WGF added additional support to ensure that WEFTA is able to carry out our combined goals for improved WASH resources in HCFs.



CORNELL DOUGLAS  
FOUNDATION

### Cornell Douglas Foundation (CDF)

In 2021 WEFTA entered into a new relationship with CDF. Funds provided from CDF will go towards the WASH in HCF project in Mpapa, Tanzania. We are grateful for the support and a new opportunity to build a working relationship to achieve mutual goals.



THE LOYOLA FOUNDATION

### Loyola Foundation

Thanks to the support of the Loyola Foundation, WEFTA continues to work on WASH in HCF projects in Tanzania.



### Aqua Engineering

With direct assistance from our Board of Director's Vice-President, Scott Rogers, WEFTA collaborates with Aqua Engineering staff for project mapping and in-country project design. Aqua also assists WEFTA with operational support to help with staff compensation.



### Peace Corps

WEFTA continues to build off the relationship cultivated by Waterlines over the last 20 years to ensure that Peace Corps Volunteers working on WASH projects in their host communities have access to technical assistance and funding.



### Parish Twinning Program of America (PTPA)

In 2021, WEFTA connected with PTPA by way of our friends at the Daughters of Charity-IPS. WEFTA is proud to support PTPA's new initiative to work on WASH resource improvements in the parishes they serve.



### CONSES

Through our field engineer and project partner working in Bolivia, Jason Obergfell, we have cultivated our relationship with the director of the local NGO, Julio Sanchez at CONSES, to work on community water and sanitation improvements. Mr. Sanchez brings a new component of improved sanitation to projects for the rural Indigenous communities of Bolivia.



### Africa Health Organization (AHO)

WEFTA is grateful to work with our new partners, AHO, based in Tanzania. AHO brings a new component to our post-construction follow-up methodology. AHO is able to work with HCFs on WASH and internal clinic protocols to ensure health and safety of clinic users and staff. Working together we will find ways to ensure our projects have an improved element of post-construction follow-up that extends beyond our WASH improvements.



### Michigan Tech University (MTU)

By way of previous connections with MTU, WEFTA was able to build a relationship with Professor David W. Watkins, Ph.D., P.E. of the Department of Civil, Environmental, and Geospatial Engineering, to cultivate a graduate student design class focused on our efforts in WASH resource development for the Mpapa Health Centre, Tanzania. We are grateful for the preliminary engineering report the students provided that will help to ensure project success.



### Union of Community Development Volunteers (UCDV), Uganda

In 2021, WEFTA entered into a partnership with UCDV to work together on WASH projects in Uganda. Our common mission and goals make our new partnership ideal to expand our assistance to critical communities in need in Uganda.



### The Pittsburgh Foundation

Since 2016, WEFTA has partnered with The Pittsburgh Foundation. We are grateful for this continued partnership which has enabled us to dedicate our time to matching the need for water and sanitation systems with the resources required to construct them.



### Water Mission

WEFTA, in collaboration with Water Mission, continues to work on package water/wastewater systems for rural communities and HCFs. We are grateful for the support of Water Mission to solve challenging installations of water/wastewater assets in remote areas.

**Special thanks to all our partners, collaborators, circuit riders, donors, supporters and amazing volunteers!**

**So many lives are positively impacted because of YOU!**

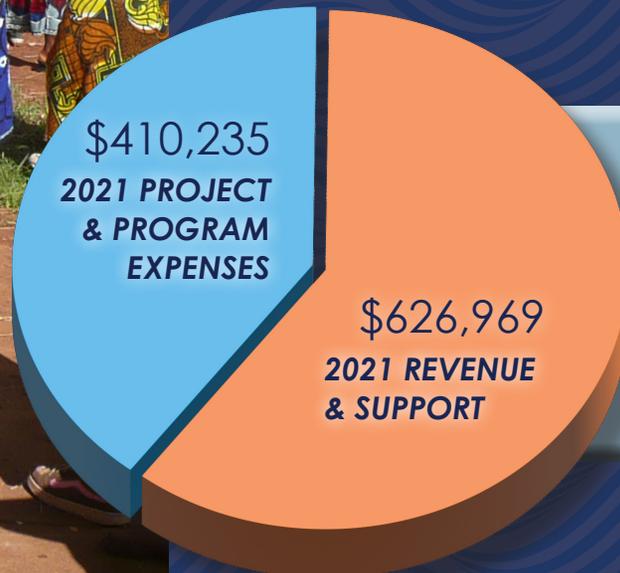
# WE REMAIN COMMITTED TO THE COMMUNITIES WE SERVE



We are committed to the success of our ongoing work with less-fortunate communities in Latin America and Africa to find solutions for reliable and sustainable water and sanitation systems. We remain dedicated to promoting WASH in healthcare facilities and continue to work together with local leaders and representatives, healthcare workers, and community members on construction of water and wastewater projects in the countries we serve.

In 2021, WEFTA expanded service into new regions, including Burkina Faso, Ghana, and Nigeria. In addition, we have multiple ongoing projects and new projects on the horizon for 2022 in many of the countries we have served for almost 20 years, as well as opportunities in new regions including India and Haiti.

**WEFTA continues to make an impact as we empower the communities we are privileged to work with — and positively change lives.**



In 2021, WEFTA earned the Platinum Seal of Transparency, Guidestar's highest rating.

# THANK YOU!

Together  
we have directly  
impacted  
**OVER 100,000**  
lives in 2021



Water Engineers for the Americas & Africa  
[wefta.net](http://wefta.net)

