

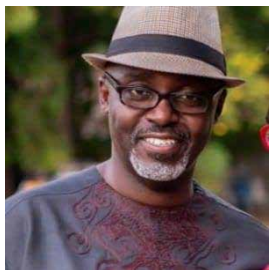



# LIFE WATER CANADA

## FALL 2022 NEWSLETTER

### TAKING TRAINING AND EQUIPPING TO THE NEXT LEVEL

Lifewater Canada began with a basic principle: to train and equip local people to drill wells, repair or replace broken hand pumps, install rainwater catchment systems, build community toilets and hand-washing stations, and host health and hygiene workshops. We have now come to the point where an exciting extension of that principle is possible.



*Innocent Mwangi,  
Africa Coordinator*

We are privileged to introduce to you Innocent Mwangi, our new Africa Coordinator. Working out of Nairobi, Innocent will oversee all the African teams, offering advice and counsel, assisting with best practices, HR & staffing, and also act as the Lifewater Canada voice in an official capacity when working with the government bodies and various teams.



*Catherine Achieng,  
Communications  
Coordinator*

Along with Catherine Achieng, Innocent will keep in close communication with the Canadian Administration team, and help to ensure that we are able to process and manage the large volume of projects now coming from the African Continent.



### A NOTE FROM OUR PRESIDENT

After a record-breaking fiscal year that ended June 30, 2022, we are settling in for another marathon – a race longer and more challenging than we’ve ever attempted – but we are committed to finishing as a winner.

Our overseas partners have prepared themselves for the task ahead, with their eyes fixed firmly on the prize. The passion and willingness to learn, adapt, and improve in what these teams do is ensuring that water and sanitation needs are met in needy communities in Africa and Haiti. This is the prize we’re working so hard to win, and it comes with this complete confidence: your donations are making a lasting, life-giving difference because those in need are being provided with safe drinking water, improved sanitation and hygiene education.

Thank you for being an essential part of the team!



Lynda Gehrels

# 69,520

**HOURS SAVED PER DAY**

44.3 minutes per day per household saved in water hauling duties

# \$0.18

DAILY WATER SAVINGS PER BENEFICIARY

reported average daily water costs / total beneficiaries

# 970,602

**DIRECT BENEFICIARIES**

# HAITI



Lifewater d'Haiti continues to be a strong team of efficient drillers, pump repair staff and administrators. Throughout the many challenges, political upheaval, gang violence, and extraordinarily high fuel costs coupled with minimal availability, they continue to be a happy and productive team. Although the smallest team in number of staff, they are very effective, setting the highest yearly pump repair numbers, by far, of all our teams. We are currently working on introducing their methods for workflow in pump repair to our other nations, and seeing success with this cross-nation training, especially in Nigeria. Haiti is a tremendous example of perseverance. Despite the many challenges and dangers that plague this tiny nation, this team pushes on, consistently drilling and repairing wells. Your prayers and support for this nation are needed and appreciated.

# LIBERIA



Lifewater Liberia - Our oldest team continues to struggle, and the absence of Lifewater Canada's physical presence has been felt most keenly in this nation. However, that struggle has opened the doors for equipping this team and the local board to better manage the NGO on their own. We have been working closely with the board and team addressing administration processes and workflow issues. The goal this year is to bring the team back to the roots of why they exist, seeking "a world where the place you are born does not determine whether you live or die." We are fully focusing our efforts on pump repairs in this country, with the entire team taking a hand in that work. While the importance of pump repair is being emphasized, the aging rigs are using that downtime for some needed maintenance. Lifewater Canada will visit Liberia with a small team in early October 2022. Along with the internal changes, we hope this visit will leave this team re-energized and re-focused.

# NIGERIA



Lifewater Hygiene Initiative of Nigeria - This has been an incredible team to work with in all regards. They currently hold the all-time highest production records of all our teams, and the only thing slowing them down right now is our ability to keep up with them, both financially and in the sheer volume of product. This team was the reason that we made the decision early this year to train the local teams in uploading and documenting their own production to our Canadian website. They continue to increase their efforts to reach villages in need of safe water, covering a very large service area, with plans to expand further. This year's goal is to increase their pump repair projects by outfitting a second repair team to maximize their impact. Not only will they continue to repair and rehabilitate broken pumps in the region, but they will also ensure that all the new wells installed over the last 18 months continue to work properly. Present available funding has meant that this team has been limited in the number of drilling, rehabilitation, and latrine projects that we can support. If donations increase, this team will be able to expand their impact.

## OUR FAVOURITE NUMBER - 970,000

Have you ever gone without water for a day? Most of us could probably do that if we had to, but could you imagine going without adequate water for a full month? According to UNICEF, four billion people experience severe water scarcity for at least one month each year. Whether that scarcity is physical or economic, the individual hardship remains the same. In the face of such an extreme need, it is often easy to feel overwhelmed, as if our actions aren't having an impact. In truth, with FOUR BILLION people in need, it doesn't seem as if one well really makes a difference. This is why we remind ourselves of the old proverb, *A father and son are walking along a beach full of stranded starfish dying in the sun. The boy periodically stops to throw one back in the water. Finally, the exasperated father says, "There are thousands dying - why bother throwing a few back?" The son replies, "It makes a difference to the ones I help!"* This past year, we saw over 970,000 'ones'. To us, that is a bigger number than four billion. Poor math, but good work. Thanks for being a part of it.



The Lifewater Kenya (Nakuru, Kenya) - After Rev. David Maina's heart attack, this team slowed their production dramatically. However, with a wealth of knowledge and experience, they were able to step into a mentorship and training role with our two other teams in Kenya, training and are equipping these new teams to carry on the same work. Recently, The Lifewater Kenya successfully trained STADA's technical team, and at the time of this publication, they are hosting our team from Eastern Kenya, training both on drilling and pump repair. The legacy of this longstanding, successful team is being passed to the next generation!

STADA (Kisumu, Kenya) - This is a passionate team committed to alleviating suffering from unsafe water, sanitation & poor hygiene education. The STADA team was trained by The Lifewater Kenya in drilling and pump repair, and recently took delivery of an LS-100 drill. STADA has completed their first successful borehole with that drill, and their new pump repair skills have shown great fruit. STADA in turn is now training pump repair interns, as the need is massive. They have constructed a new compound and started a sewing industry for young single mothers to make reusable sanitary napkins as an added component to Health & Hygiene workshops across Kenya. We are looking for support for a shipment of pumps and repair parts that will arrive in late October as well as donations to fund the new wells and pump repairs much needed in this region.

Christ Mission to the World (Mwingi, Kenya) One year in with this team, and we couldn't be more pleased with their work. After completing an astounding 245 rainwater harvesting and storage systems at local schools, they are pressing on with that task, making sure that every school in this constituency of severe need receives one of these systems. Knowing that these tanks are not a complete solution to the need, we have also committed to drilling in this area. Team members travelled to Nakuru to train with The Lifewater Kenya in mid-September. We are asking for support for the drilling that will commence in Mwingi District this November. STADA continues to complement these projects with educational programs, health and hygiene workshops, and sanitary napkins. This is a wonderful example of African Lifewater teams working together for the good of their nation.

# KENYA



## GROWING FOR THE FUTURE

As an outcome of our ongoing commitment to training and equipping local teams, growth is a natural expectation and progression. How can we build capacity and ability without seeing a measurable outcome of that training? If it was only the knowledge of how to complete a project that mattered, our work could have been done a long time ago. However, knowledge, backed by opportunity, and with ongoing support, is what is making a difference in these nations, and in the lives of millions of people. Our focus in this coming year is in building the systems, policies, and relationships to allow for healthy and sustainable growth into the future, while still seeing a moderate increase in overall project numbers. We will continue to strive for a reduced number of beneficiaries per project to ensure a long service life for these projects.



	2021		2022		2023 (projected)	
	Projects	Beneficiaries	Projects	Beneficiaries	Projects	Beneficiaries
New Wells	119	131,394	355	187,147	400	150,000
Rehabilitated Wells	138	99,400	314	93,942	233	87,375
Pump Repairs	588	279,950	1,137	552,395	2,050	768,750
Rainwater Catchments	79	15,016	268	61,911	190	95,000
Community Toilets	11	2,160	19	4,432	24	4,800
<b>TOTAL</b>	<b>935</b>	<b>527,920</b>	<b>2,093</b>	<b>899,827</b>	<b>2,897</b>	<b>1,086,375</b>

*Handwash stations and health and hygiene workshops are included in the projects above.*

## HOSEA APEH'S STORY

### Lifewater Hygiene Initiative of Nigeria, Executive Director

*In 2018, every dream I had for meeting the water needs of communities in Nigeria came to a stand-still. I had invested much of my youth, from 1999 through 2017, moving from village to village drilling wells and providing these communities with safe water. Hopes for me were at high levels when suddenly all of the financial support came to an abrupt halt.*

*Desperate to continue the work, I attempted to construct a truck-mounted rig. My thoughts were clear: I would drill commercially, and put any profit into community wells for Nigeria's rural population. I remember the trip to Kano to buy a Bedford truck to mount the rig on. It was one of the most embarrassing situations in my life for I had to return home without the truck, with barely enough money to pay my fare. The amount of repairs needed broke me financially, physically and spiritually so I had to sell the rig. I was done with drilling and gave up my dream.*

*Then I connected with Lifewater Canada in October 2020 and my dream was renewed. We now have a secure compound, containers holding shipments of pumps and parts from India, that became the walls for a roofed structure for our four vehicles. We are now drilling, building washrooms and doing pump repairs daily and conducting H&H workshops. Our office facility is under construction, and we have an 18-man workforce. I've even travelled to Kenya to train a new team there how to drill. Overwhelmed and full of tears of joy, we gratefully look forward to the continued service of our countrymen here in Nigeria.*

## THE YEAR SO FAR

July 1 - August 30, 2022

In this first quarter of our fiscal 2023 year, we have focused on internal training - intentionally slowing down production with the goal of being able to manage higher production over the next 9 months.

45	new wells
45	rehabilitated wells
280	pump repairs
2	community toilets
15	rainwater catchment systems
140	health and hygiene workshops

**527 total projects**



## INFRASTRUCTURE GROWTH HIGHLIGHTS:

- Kenya - A new truck-mounted drill rig, capable of reaching remote villages, will be assembled in late October. Working with Lone Star drills, Comp-Air Compressors, and Isuzu of Kenya, all components have finally arrived at their destination after months of shipping delays. This rig will work in one of the most needy and remote areas of Kenya - Mwingi Central Constituency in Kitui County. Three members of the Mwingi team are being trained and will join team members from Nakuru, Kisumu, and Canada to assemble this unit and have it operational in November 2022.
- A new portable LS-100 drill was put into service in Kisumu County, with the first successful borehole being completed at Ogenya Primary School, located in a permanent displaced persons' camp.
- In Haiti, the new Aqua-Bore rig was put into service after the team there received proper training on its operation.
- In Nigeria, the team and management have far surpassed our expectations, building a new compound, office, storage and workshop area, and have supported the work with dedicated vehicles for pump repair, rehabilitation, and installation teams. As this team is still using a rented rig for drilling, we hope in the future to be able to supply them with a similar rig to the new Kenyan machine for remote and hard-to-reach areas to fully complement their work.

## PARTNER WITH US

**MONTHLY GIVING:** Want to have a growing impact? If you are not yet, consider giving monthly! It gives us a steady foundation to send support and keep safe water flowing. You can set it up easily through CanadaHelps.

**PLANNED GIVING:** All of us face financial constraints that stop us from being as generous as we would like. Consider including Lifewater Canada in your will. There are significant tax advantages to this type of estate planning. Please call us at 807-622-4848 to learn more.

## CONTACT US:

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