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Hope of Life - Esperanza de Vida

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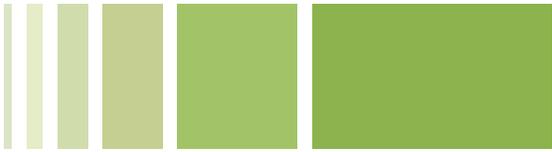


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Call to Aid

Hope of Life International



85 Whipple St, Providence, RI 02908
(401) 421-9078 | contactusa@hopeoflifeintl.org

My friends-

God bless you.

For years I have watched the lack of clean water destroy communities and take lives. Each day parents are bringing their children down from the mountains as their vulnerable lives are in danger due to parasites and preventable diseases brought on through dirty, contaminated water. I remember when my wife and I had our own daughter with us in Guatemala, who almost died from contaminated water- this battle is real, and it is stealing lives.

Right now in Guatemala, nearly 97% of people do not have access to a water filtration system. This means, 97% of people are purchasing bottled water or accessing the closest water source to their home. However, a large majority of that percentage cannot afford to purchase their water- they cannot even purchase food at times.

They are left with few options- and most of these options are contaminated streams or rivers that flow near their villages. Moreover, these water sources are scarce, as a 6 year drought has plagued the dry, hot country of Guatemala. The need is great. The cost of inaction is even greater- as we see it add up in more lives lost.

But- I have hope. I always have hope. We are bringing clean water to these communities through water projects and wells, and hundreds of families have already felt the impact of clean water. But it is not enough.

We need easier, faster, simpler solutions. Solutions like these water filters, real, tangible, immediate answers to the cries for help. Each day we are meeting families who could greatly benefit from these valuable filters. Families with children who's lives could be saved!

Your generosity will save countless lives, imagine the impact your gift could have- and the long lasting transformation that could come to Guatemala because of these filters.

It would be an honor to partner together, to bring life and hope to these desperate families.

Your friend,

Carlos Vargas
Founder, Hope of Life International



Call to Aid

Zacapa, 18 de marzo de 2016.

A quien interese:

Por medio de la presente Yo Julio De Paz, pastor de la comunidad Miramundo solicito apoyo, debido a que desde hace muchos años nuestra comunidad se ve afectada en gran manera ya que no contamos con una fuente de agua limpia que nos abastezca, por ello nos vemos obligados a utilizar el agua que pasa por una canal frente a nuestra comunidad la cual se encuentra completamente contaminada ya que su uso es exclusivo para riegos de los campos de melón ubicados en las comunidades vecinas. Es por tal motivo que realizamos esta petición como un llamado de auxilio para los pobladores de nuestra comunidad confiamos y creemos que, con la utilización de filtros de purificación de agua, el agua de dicho canal podría ser de gran utilidad para nuestros vecinos sin que esto implique que corramos algún riesgo al ingerir la misma.

En nombre de nuestra comunidad agradecemos desde ya su valiosa colaboración; la cual será de gran bendición y ayuda para nuestra niños y niñas.

Dios les bendiga

Atentamente,



Julio de Paz

Pastor

Aldea Miramundo



Fredy Argueta

Pastor

Aldea La Maquina



Martin Calderón

Líder Comunitario

Aldea El Canal

CONSEJO COMUNITARIO DE DESARROLLO
Martin Calderón
ALCALDE COMUNITARIO
Caserío El Canal Sector 1, 2 y 3
La Fragua Zacapa



Mission Letters

Letter from Saul Aronovitch

My name is Saul Aronovitch, I am a LEED (Leader in Energy Efficient Design) accredited, Architectural Technologist and college professor of Architecture located in Montreal Quebec, Canada. I am also a Jewish believer, member and mission leader of the First Baptist Church of Montreal, headed by Pastor Ed Carruthers. Allow me to express how my love of Christ was transformed from a desire to serve into a call to service.

My appreciation for God prior to becoming a believer was quite different; even still, there was a fire lit within, urging me to discover my true purpose in life. God had opened my eyes to a world in great need. After meeting my wife-to-be Jennifer Giron, a Christian woman from Guatemala filled with the Holy Spirit, God wasted no time working with us intensely on our Christ-life. After which, a veil was lifted from my eyes, revealing His intention for me; caring for God's creation in Stewardship. Knowing that He has provided us with a beautiful Earth, bountiful and plenty, it is our global mission to take care and share the responsibility.

Eager to follow in Jesus' way, I immediately sought to be of service to a well-established Christian organization called Hope of Life (Esperanza de Vida), located in the poverty-stricken country, Guatemala. This foundation was where I would learn about my calling and how I could be of service to God. During my stay with this organization, I had visited many villages and spoke with many locals. Elders would reminisce of days past and children would tell me their ambitions.

For me though, I felt the deepest sorrow for the women of the villages. These women who tirelessly tend to the fields, care for the children and elders, exhaust all their efforts to ensure the safety and security of those whom they love, even if it means their own suffering. Despite their incredible strength to conquer the odds, these matriarchs are in fact defeated. For they cannot purify the water to whom they serve. Sadly, their gestures of love are contaminated by waterborne diseases which lead to malnutrition and death. These women make the hard choice every day to provide all they can, knowing that the water they use will not heal, but in fact harm.

While speaking with the Pastors who represent the villages regarding the water situation, they expressed their concerns through prayer. They ask Jesus to purify their hearts through the love only He can offer. Their only request for me was that one day these communities would be able to drink from the waters, without ill effect.

Letter from Michelle Gaudet

My name is Michelle Gaudet, Architectural Technologist. I am a member of Église Chrétienne d'Ahunistic. I realized early on in life, as I was brought up in a Christian home, the importance of relying on God. Jesus is my mentor and role model, allowing me to learn how to be like Him each day. In my youth God had guided me along a path, sensitizing me to the underprivileged, malnourished and poverty stricken, filling my heart with love and desire to help wherever He may call me to go.

Since Saul had shared his heart and experiences in Guatemala as well as his vision to help the people, I knew it had come from God. I therefore wasted no time wondering, but began to act alongside him to create the plan of action for change. For me, it was a dream come true, to be able to follow in the footsteps of Jesus, answering the call from God.

While working on this project, God began to reveal to me personally why I was called to go. My heart yearns for the women and children of those villages who are in desperate need. I desire very much to share my wealth of knowledge with them, knowing how privileged we are here in North America, compared to the dire situation in Central America. I feel they must be given a chance for a sustainable life, to drink from clear waters and be given the same opportunity to experience the joy that God grants His faithful followers.

Dear Sponsor

Dear Sponsors,

We come to you now, asking for support for the communities of Zacapa Guatemala, who are in urgent need of immediate action. Guatemala is plagued with unimaginable suffering. For what we view as a simple glass of water to quench our thirst, they see as an elixir of life and a necessity for survival. Tainted food and water is the cause of countless deaths for the people of Guatemala, who are forced to consume contaminated water filled with diseases such as Bacterial Diarrhea, Typhoid Fever and Hepatitis A.

We urge you to participate with us in this great endeavour and stop the needless suffering. Only with your aid will the communities feel there is hope in the Lord and hope in whom He provides to help them. The Lord suffered on the Cross, for all those who believe would receive everlasting life. Let us give opportunity to those whom have not yet had the privilege of experiencing the Lord, by extending their lives long enough to receive His Grace.

Without your spiritual and financial contributions, bringing the love of Jesus Christ into these communities, so they may be a testimony for future generations, would simply be impossible. Your generosity in helping us bring safe, fresh, and bacteria free, drinking water to Guatemala and beyond, would be immensely appreciated by all.



Saul Aronovitch



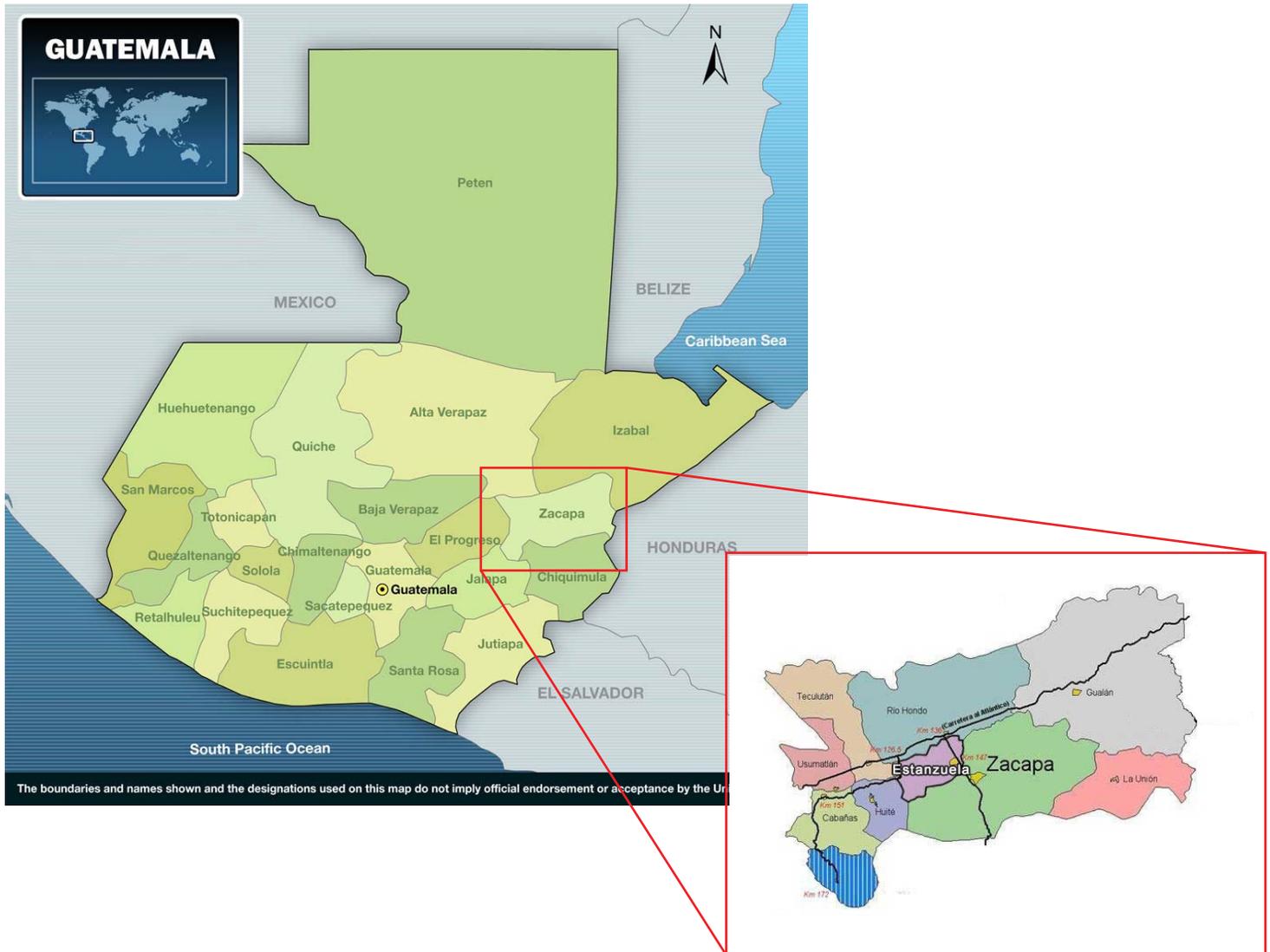
Michelle Gaudet



Rev. Edward Carruthers
First Baptist Church, Montreal



Guatemala



► Our Mission, “The Dry Corridor”

The Zacapa Department is composed of 10 municipalities. Our first mission is to provide clean safe drinking water to the communities within this department. With a population of approximately 200 000. We begin our mission with 4 villages in desperate need of support.

In progress -

1. El Canal, La Fragua 130 families (approx. 780 people)
2. Miramundo 135 families (approx. 810 people)
3. La Máquina 350 families (approx. 2100 people)

Mission accomplished -

- A. Oasis 70 families (approx. 500 people)

Facts



75% of the population lives below the poverty line, 58% of that live in extreme poverty.

75%

81 % of the poor live in indigenous communities of Guatemala.

81%

The indigenous poor account for 43% of Guatemala's total population.

43%

► **Prone to Natural Disasters,** Guatemala is prone to natural disasters: droughts, floods, hurricanes, earthquakes and frosts are recurrent events which affect livelihoods of population living in vulnerable areas.

► **Literacy,** For Guatemalans, the literacy rate is 74% for 15 years and older. This is second to Haiti for lowest literacy rate in the Western Hemisphere.

► **Education,** is not free, attendance figures are dismal: 80% enrollment of primary-aged children, 30% of middle school-aged children, and 10% of high school students.



► **122 out of 182** Ranked among countries in the Human Development Index.

Malnutrition

67%

44% of children are chronically malnourished. 58%-67% higher in indigenous regions.

50%

In rural areas, prevalence of juvenile stunted growth appears in 50% of the children, rate of decline slowest in N.America.

4th

4th in the world, Guatemala is the most malnourished country in Central America.



► **Lack of safe water** contributes significantly to the high incidence of diarrheal disease and chronic malnutrition in Guatemala.

► **Waterborne contamination**, consume nutrients, aggravate malnutrition, retard children's physical development and result in poor school attendance and performance.

► **Less than half** of the rural population has access to piped water.

► **The Guatemalan Ministry of Health** reports that 98% of the country's water sources are contaminated.

► **15 of 24** Municipalities in Guatemala, have drinking water treatment systems, and of these 24 only 15 systems are currently in operation.



Water Issue



More than 40% of rural Guatemalans do not have water in their home

40%

For many villagers, they must walk 2-4 miles every day to get water that is contaminated.

2 mi

It could take as much as 3 hours to walk to a water source and back home.

3 hrs

► **Lack of clean water**, 884 million people in the world lack access to safe water supplies, causing those to suffer needlessly and die from disease and malnutrition.

► **Waterborne diseases**, constitute a range of syndromes, including: cholera, typhoid fever, dysentery, chronic diarrhea (Brainerd diarrhea), rotaviral infections, Hepatitis A, amoebic dysentery, Giardiasis, and Cryptosporidiosis, among others.

► **The Guatemalan Ministry of Health**, reported over 300,000 registered cases of diarrheal disease.

► **26 of 28**, Guatemalan municipal water systems sampled (93%), had one or more water samples showing fecal contamination.



► **Safe drinking water**

Availability is critical to child development and reduction of chronic malnutrition.

Zacapa Water Issue

100k

Coverage of potable water and sanitation services are extremely low (55%), this translates to 100k people in Zacapa without water or proper sanitation.

8 mi

Despite the main villages living close to a water source, although contaminated, for many others, they must walk 8 miles to the nearest source.

1000

Zacapa municipality **spends less than \$1000 USD** / year for water and sanitation improvements. Resulting in spending for medical issues due to contaminated water.



► **Water Supply**, Guatemalan districts are responsible for their own water supply distribution. While 'La Capital' receives the most support due to financial capabilities, **Zacapa, a rural community, does not have the means to support an adequate water supply to its villages.**

► **Water Resources**, Of the nation's water resources, 57% is surface water and 43% groundwater. While approximately 65% of the total water volume is available, 40% of it cannot be used due to high contamination levels. In Zacapa, uneven distribution of rainfall / population, poor management of available water resources, creates drought and major water supply problems.

► **Water Source**, Rio Motagua was used as the main source for drinking water in the past, but due biological and industrial pollution, Zacapa villages are forced to drink contaminated water and preserve what little clean water is left from wells that are drying up at an alarming rate.

► 100k to 0

Lack of rain, nor lack of government support for the people of Zacapa, should not be the deciding factor to receive safe, clean drinking water. We must bring this number from 100k to 0 people without water.



Rio Motagua

The Dry Corridor



Zacapa's location in the "Dry Corridor" has created a surface water decline of nearly 60%. What water is available, is slowly disappearing.

60%

Zacapa temperatures average 94F (34.4C), hitting 113F(45C) in the hottest months making the availability of clean water an even greater necessity.

104°F

While 70% of families lost their food storages due the drought, 80% of these families do not have any reserves, this leads to malnutrition and starvation.

80%

► **“Dry Corridor”**, Typically occurring between the months of April and July (± 120 days), (Primera Season) Zacapa, being within the “Dry Corridor” of Central America, experiences a drought like no other, putting a strain on household food production as well as fresh water supply.

► Lack of Rainfall,

Despite an abundance of rain (60 inches) which falls on certain parts of Guatemala thanks to the tropical climate each year, Zacapa; however, receives less than half of that per year (24 inches)

► **UN World Food Programme (WFP)**, Because of the drought, WFP will provide food / agricultural assistance to many, including Zacapa production farmers.

► Water Support: A Low Priority,

Due to the importance of agriculture and a decline in exports, combatting malnutrition and contaminated water are lower on the priority list for WFP to help the villagers of Zacapa.

► 45 to 65 days without rain

Climate change affecting the “Dry Corridor” is expected to decrease rainfall another 20 days. This will bring an estimated rainless season to at least 65 days or more in a row.



From This

18.4%

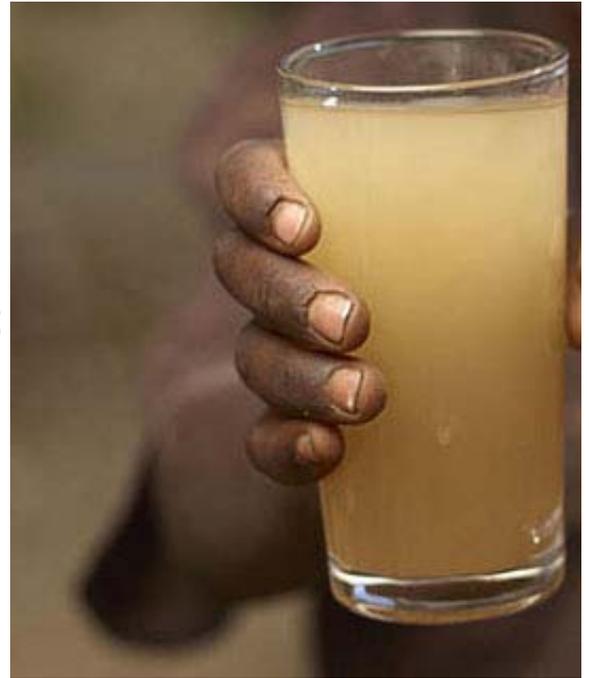
Diarrhea: 34 deaths per 1000 was the infant mortality rate. Leading causes of death in children under 5 are pneumonia (34.4%) and Diarrhea (18.4%).

20%

Typhoid fever spread through contact with food or water contaminated by fecal matter or sewage; victims exhibit sustained high fevers; left untreated, mortality rates can reach 20%.

15%

Hepatitis A: Viral disease that interferes with the functioning of the liver; spread through consumption of food or water contaminated with fecal matter, 15% of victims will experience prolonged symptoms over 6-9 months.



► **Far below EPA Standards**, EPA Standards for safe drinking water minimums are a must to maintain a healthy lifestyle. Below the standard leads to illness and in extreme cases death among the population.

► **Waterborne contamination**, due to fecal waste and chemical residuals destroyed by military activity and natural disasters. Results in poor health, increased fatality rates, hunger, poverty.

► **Economic Impact** Malnutrition jeopardizes the future economic growth of a country by reducing the intellectual and physical potential of the population, thereby maintaining conditions of poverty.

► **396 & 7060**, 396 communities in Guatemala have damaged sanitation systems due to natural disasters, Guatemala has access to 7060 fresh water sources compared to USA which has 306,000.





90% reduction in Diarrhea cases where proper health education and water treatment are available to communities in rural areas.

90%

In a town of 300,000, typhoid fever cases dropped from 14% to 3% after hundreds of filters were distributed to residents.

3%

Imagine if your only source of drinking water was a watering hole miles away, and this water is contaminated with parasites that can cause deadly diseases such as typhoid or cholera
We can have a world without.

0%

► **Exceeds EPA Standards,** Water System surpasses EPA standards to an extremely efficient method to combat waterborne diseases.

► **Eradicate Waterborne diseases,** Water system's ability to eradicate all waterborne diseases removes ALL harmful bacteria, protozoa and viruses.

► **Economic Impact, Reduce Poverty,**

- Income is no longer spent on medical bills for preventable diseases.
- Men and women are healthy enough to work and earn a living.
- Parents don't have to stay home from work and tend to their sick children.
- Children can attend school and get an education.



► **10 to 40,** A water system completely eliminates the need to clean water by boiling. The average family of four who cleans their water by boiling burns the equivalent of 10 to 40 trees, 39 gallons of oil, or 211 pounds of natural gas.

Water Solution

100%

We will give 100% of the village families access to clean and safe drinking water free from waterborne diseases. No one needs to be sick again.

0 mi

0 miles needed to travel to a questionable “safe” water sources, With this filter, every water source is a safe water source free from bacteria and protozoa.

0 hrs

0 time traveled will be used to collect dirty, bacteria filled water causing illness and malnutrition. Every drop of water collected will be healthy, clear and safe drinking water.



► **Availability of Clean Water**, People, families, schools, churches and communities, will all have instant access to safe, clean drinking water. Encouraging a thriving community, filled with opportunity and a desire to succeed.

► **Reduce Fatality Rates**, Safe water, means new strength and new hope. Fatality rates are drastically reduced due to clean water consumption. Longer lives lead to a productive future for the community as a whole contributing to the welfare of the country.

► **Water Use Education**, Educating villages on behavior change communication (BCC) on water, sanitation, and hygiene while using the water system will immensely reduce issues caused by contaminated water ten-fold. Simple steps huge results.

► **6% to 50%**, World Health Organization states that the provision of safe water alone reduces diarrheal and other enteric diseases by 6 to 50%, even in the absence of improved sanitation or other hygiene measures.



Water System



Removal of 99.99999% of Bacteria which causes Cholera, Botulism, Typhoid, E.coli, Coliform Bacteria, Streptococcus, Salmonella.

99%
99.99999% (7log)

Removal of 99.9999% of Protozoan (Cyst) I.E.: Giardia, Cryptosporidium, Cyclospora.

99%
99.9999% (6log)

Removal 99.9997% of Viruses: I.E: Hepatitis A (HAV), Poliovirus, Norwalk, Rotavirus, Adenovirus, Hepatitis E (HEV), Coxsackievirus, Echovirus, Reovirus, Astrovirus, Corona Virus (SARS).

99%
99.9997% (5.5log)

► **100 000 Gallons,** On average a person is required to drink 64 oz. of water daily. That's about 14600 gallon in one's life. The water filter system cleans 100,000 gallons of contaminated water in it's lifetime. That's more than we drink in a lifetime for a whole family!!!

► **0.1 to 0.02 Microns,** Certified for ABSOLUTE microns, System uses technology taken from kidney dialysis, Hollow Fiber Membranes. Comprised of tiny "U" shaped micro tubes allowing water to enter into their core through tiny micro pores and blocking out harmful elements.

► **Never needs replacing,** Water system is fully contained in a 2 oz. lightweight casing which never needs replacing. Gravity controlled system allows for ease of use without the necessity for batteries or mechanical parts.

► **Daily 170gal. to 500gal.,**

Depending on the set up it can decontaminate up to 500 gallons per day. With proper maintenance, the system will last decades and will never need replacing. When it clogs or slows down, one simply backwashes it with the syringe included with the unit.



Water System

5

What is the cost to save **5 lives**
For only **\$31.50 USD**. A family of 5 can drink water free of contaminants significantly reducing risk of malnutrition.

4

4 villages are in immediate distress.
685 families combined, communities desperate for clean, safe drinking water.

3

There are **3** ways you can participate:
1) Pray for our ministry
2) Donate to the cause and help save lives
3) Volunteer your time on this mission of hope.



► **Maintenance-free**, The water system does not require any maintenance for the lifetime of the product. Simply backwash using the syringe provided.

► **Easy to Install**, The water system is simple to use and easy to install. Within a matter of minutes one filter is set up and instantly ready for use. Instructions on usage and cleaning are provided on site to ensure proper use. Continued on-site visits are provided.

► **Gravity Activated**, Absolutely no electrical or mechanical parts are used. The water system's filtration / purification, works by simply lowering the hose, below the bucket. Water will begin to flow providing clean and safe water for immediate consumption.

► **1 to Unlimited**, The water system's unique design allows for a multitude of uses not just for the villagers themselves, but those who help as well. Personal carry systems for Pastors who visit villages and volunteers. Adaptable to schools, churches and clinics in order to supply in larger quantities.



Water Mission



2 very powerful water systems available,
1) bacterial and protozoa or
2) Bacterial, protozoa and
viruses (hospital grade).

2

Only **1** system has the ability to
remove all waterborne diseases,
and bring life back to villages dying of
malnutrition and diarrhea.

1

0 time to waste, we must take action and
save the lives of those who call to our aid.
Urgent action is needed today!

0

► **Empower Communities,** Through the love of Jesus Christ, our goal for this ministry is to empower communities with strength, opportunity, aptitude and sustainable development.

► **Positive Lifestyle Changes,** With the preoccupation for survival it is rare that impoverished communities will consider sustainable principles; thus, our aim is to promote positive lifestyle changes within these communities showing that their contribution to a sustainable future has a direct impact on their own health and wellbeing.

► **Create Opportunity,** Motivate communities to create their own successes. Educating the use of available resources in new and innovative ways will allow the communities to contribute to their own sustainable practices, giving hope to a brighter future.



► **Bring the Voice of Hope,**
Harmonizing communities to build a solid foundation for their future, through cooperative networks and community leadership, initiating plans of action for change.

Filter Types

Type 1 (Bacterial Protection).....\$35.00



Type 2 (Bacterial and Viral Protection).....\$114.00



Type P (Personal Unit - Bacterial Protection).....\$20.00



CLEAN WATER
CHANGE A LIFE – CHANGE A VILLAGE



Which would you drink?





Thank you very much for opening your hearts to a country in need.

The implementation of a successful water supply project in rural areas cannot be completed without the required sanitation and hygiene components. It is our mission to bring these essential components of WASH (Water, Sanitation and Hygiene) to this project as well

For the love for the people of Guatemala

Saul



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