The Cost Breakdown

1. replace water treatment building: $20,000

2. permanently seal old well: $5,000

3. upgrade well pumping and control systems: $15,000

4. upgrade filtration and disinfection systems: $20,000

5. provide new electrical service to new building: $5,000

6. convert old drilled well to a monitoring well: $3,000

7. Required formal engineered pumping test (2-3 days) to determine sustainability (as a part of FLNRO licensing): $15,000

8. P.Eng. certified report by hydrogeologist documenting entire project including the sealing the old dug well, converting old drilled well to monitoring well, testing and evaluating the main well, the aquifier, and water quality. This report will become the basis of our applications to the Ministry of Health and FLNRO for licensing: $12,000

Estimated Total: $95,000

Want More Info? Of Course!

Dessert & Information Night

Friday, March 8, 6:45pm-8:30pm

It will be a fun learning opportunity!

How Do I Give?

You can give in all our normal ways; just mark it "project fund."

In order to make this project not all about us and bless others through this journey, we will be donating 10% of all income toward helping to provide clean water to the Xocholtlapan community in Nicaragua, one of the poorest nations on earth. Therefore the more we raise, the more people will be blessed and impacted!

Closing Word

We are the only physical church building in the Errington area and we strongly believe God has called us and brought us here. We still want to be here as a vibrant and strong church community in 10, 20, and 100 years (unless the Lord returns!).

Our leadership already feels an overwhelming sense of *joy* that we get to participate in a project like this.

Please prayerfully consider partnering together so that we can continue to bless our community and quite literally continue to offer a "cup of cold water" to any and all who enter (Matt 10:42).

OCEANSIDE COMMUNITY CHURCH

Water Treatment Project

Imagine a church with no water: no coffee or tea on Sunday morning, no way to have meals together, no dishwasher, no flushing toilets, no base substance to clean with, no baptisms in the church, no nice plants inside or outside, no washing of hands (yikes!), no way to provide affordable housing for our tenants, and the list could go on!

No matter where you go in the world, water is central to any thriving community, and our church is no different . . .

History

When the church first bought this property back in 2000, the well water system was set up to only meet the immediate requirement of usable water. It was always the intention to upgrade the system to ensure we continue to meet current health standards.

When the existing well unexpectedly failed in 2002, a new well was drilled but was never adequately completed and supported by the necessary housing and systems around it.

Over the last 15 years, we've done small changes and "band-aid" approaches to keep the well and surrounding "hardware" working and safe, but never fully finished the system as the church went through some difficult financial times.

As the church rapidly grows, so has our need for greater water volume and usage, especially as we continue to grow. Regulation for public water systems (i.e., our well) is also increasing to the point where we are no longer operating with the proper permits. We can no longer continue to fly "under the radar" from the required regulations.

Required Upgrades

(for those of us nerds who are interested; if you just want the numbers, skip to this section!)

The necessary upgrades are a two-step process regarding two areas we are now legally required to have documentation and operating permits for.

The easy way to remember the two categories is Quality & Quantity.

1. Quality: License with the Ministry of Health

This is all about the *health* and safety of our water.

In order to get approved and regulated by the Ministry of Health, we must get water source approval (a one-time act) and approval of our "works" (pumping systems, how we supply the water, etc.).

We will then be eligible to receive an operating permit that will lead us to the end goal of being licensed under the Ministry of Health.

2. Quantity: License with the Min. of Environ.

This is all about the *sustainability* and protection of our water.

As of August 2016, the Ministry of Forests, Lands, Natural Resource Operations and Rural Development (FLNRO) now *requires* that all public wells be licensed. The Water Sustainability Act says we *must* hold a groundwater license in order to protect and regulate the use of groundwater.

This application requires the well is formally tested through a pumping test and raw water analysis (which we've never had) so as to prove the sustainability of our water supply. This is a one-time test and application, which then lasts forever.

It also gives us legal priority regarding our water in the case of severe drought or scarcity of water in the region (what's called FITFIR: "First in Time, First in Right").

This two-step process with the Ministry of Health and FLNRO will lead us to the end goal of good water and complete compliance with both agencies.

What's the final cost?

$70,000 to $100,000 ($70,000 in fundraising)

Why is it so expensive?

This is the "20-year solution" rather than a temporary band-aid approach that could eventually leave us with higher costs (*and possible liability*) further down the road.

After researching several options with different companies (including tapping into city water through EPCOR, which would likely run $250,000+), we have determined this is the wisest, most cost-effective way to get to where we need to be while also being good stewards of what we have and setting ourselves up for long-term health and growth on our property.