



CENTRE FOR AFFORDABLE WATER AND SANITATION TECHNOLOGY
2014 ANNUAL REPORT



*wellness through water...
empowering people globally*

OUR VISION is a world where people have the opportunity to succeed because their basic water and sanitation needs have been met.

OUR MISSION is to provide technical training and consulting, and to act as a centre of expertise in water and sanitation for the poor in developing countries.

HIGHLIGHTS	2012	2013	2014	DETAILS
People impacted by CAWST clients	6.0 million	7.5 million	9.3 million	Cumulative number of people with access to better water or sanitation as a result of clients' projects
Implementing organizations	392	531	793	Cumulative number of organizations that have implemented water or sanitation projects
Countries of implementation	63	63	68	Cumulative number of countries where CAWST's clients have implemented and reported water and sanitation projects
People trained using CAWST training and education materials	1.5 million	2.1 million	3.3 million	Cumulative number of people trained by CAWST clients using CAWST-developed training and education materials
Annual expenditure	\$3.5 million	\$3.6 million	\$5.1 million (forecast to year-end 2014 as of June 2014)	Annual funds expended by CAWST, including transfers to WET Centres
CAWST expenditure per person affected	\$2.47	\$2.43	\$2.14	Cumulative CAWST expenditure divided by the total number of people affected by CAWST clients

OUR APPROACH:

Our approach centres on education as a catalyst for independent actions to initiate, strengthen and expand water and sanitation programs for the poor in developing countries.

OUR CORE STRATEGIES:

- Make knowledge about water common knowledge.
- Build the capacity of public sector organizations – both NGOs and government agencies.
- Start by improving drinking water quality at the household level.
- Lead with education and training.
- Identify barriers to implementation of water and sanitation programs and ways to overcome them.

CAWST is committed to ensuring our services reach those most in need. We do this by providing subsidized training, consulting and free open-content education materials and resources.

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GLOSSARY

Clients: Clients are organizations that have received workshops, accessed consulting support or used CAWST's educational materials. See page 8.

Services: Training workshops, consulting support, education and training resources provided by CAWST and WET Centres to clients.

WASH: Water, Sanitation and Hygiene. An abbreviation in the international development sector referring to improved access to drinking water, sanitation and better hygiene practices.

WET Centre: Water Expertise and Training Centre. These are in-country partner organizations that are working with CAWST to develop their capacity to deliver "CAWST-like" WASH training and consulting services in their country or region. See page 8.

Virtual WET Centre: CAWST's suite of online services designed to improve the quality of learning and make our services more widely available. These augment our in-person service delivery.

Youth Wavemakers: CAWST's North American youth engagement program. Wavemakers provides online resources, training and support to educators to equip them to engage and empower youth action on global and local water issues.

LETTER FROM THE BOARD CHAIR

CAWST continues to grow and expand its reach and impact in communities in the poorest countries around the world. Its capacity building model is proving to be powerful, cost-effective and scalable.

In the last year we have increased our staff by more than 50%, thereby further building our organizational capability and expertise in water and sanitation. I am confident that this expanded capability will position us to make a greater impact in this next year and future years, putting CAWST on track to meet its target of reaching 20 million people with better water or sanitation by 2020.

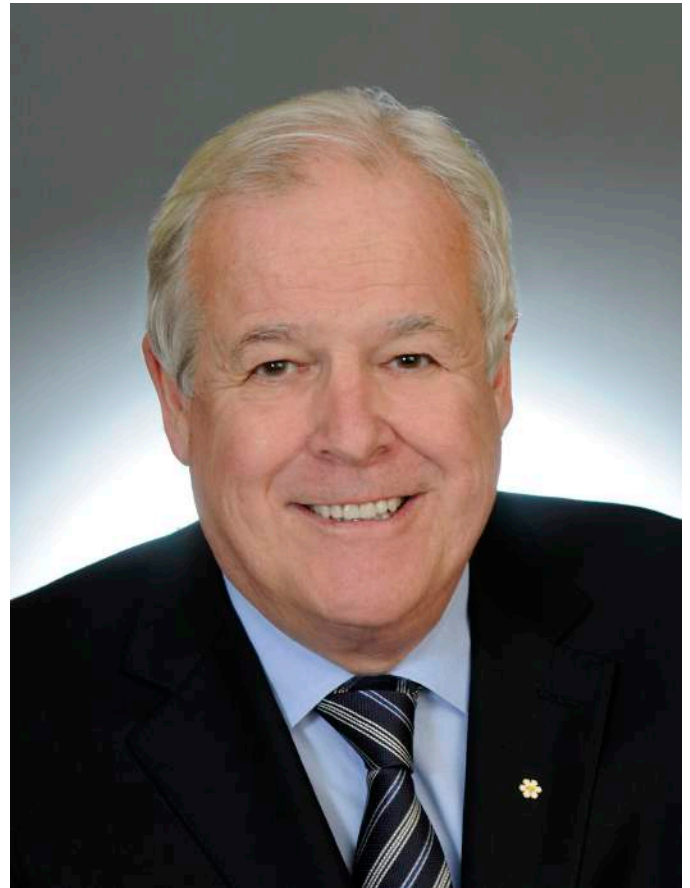
As the feature article in this report illustrates, clean water and adequate sanitation are critical to mother, newborn and child health. Waterborne pathogens are the root cause of so many health issues and CAWST has a critical role to play in bridging the WASH and health sectors.

As the stories section in this report demonstrates, better water and sanitation conditions are also a stepping stone to breaking the cycle of poverty.

Our biggest challenge is to make our funding model more sustainable and to attract longer-term funding. We are focused on increasing our earned revenue wherever feasible and attracting longer-term institutional support. Our ability to expand our funding sources is critical if we are to continue meeting the growing demand for our services.

I am inspired by CAWST's staff. They are intelligent, educated and passionate about making the world a place where people have the opportunity to succeed because their basic water and sanitation needs have been met.

They deserve your support.



A handwritten signature in black ink, which appears to read "David O'Brien". The signature is fluid and cursive, written on a plain white background.

David O'Brien,
Board Chair

LETTER FROM THE CEO

Thank you to everyone who has joined CAWST in our efforts to improve health through water, sanitation and hygiene (WASH). We are continually inspired by your actions to make the world a better place for everyone.

We had an exceptional year, highlighted by our results and growth in human and financial capability to expand our operations.

Our business model continues to prove itself year after year, now with 9.3 million people using better water or sanitation and 3.3 million people trained by other organizations using CAWST's resources.

Last year, our Water Expertise and Training (WET) Centres increased their reach by 60%. Within 18 months of launching our online Virtual WET Centre, it has 2,000 clients in 155 countries. It is now the world's largest online repository of WASH education and training resources.

Organizationally we are stronger than we have ever been. We have increased our human capability from 22 to 40 people, and have half of our budgeted revenue in place for 2014-2017. Thanks to a major multi-year gift by David O'Brien, a Canadian Government grant and to all our supporters, we have created the stability and momentum we need to expand our reach and impact.

We are contacted daily by people from around the world because their water is unsafe to drink and they are looking for solutions. With our training and support, they adapt and customize.

As we replicate this impact to achieve large-scale, sustained change, we look forward to continuing our work with all of you in our growing network of clients, collaborators, volunteers and funders.

It is exciting to imagine what we will be able to accomplish together in the year ahead!



Shauna Curry,
Chief Executive Officer



2014 KEY PERFORMANCE INDICATORS

CAWST's Key Performance Indicators (KPIs) are designed to measure the results of our actions relative to our goals for expanded access to water and sanitation.

The trends since 2001 show that our strategies have proven effective in producing widespread impact through education and training.

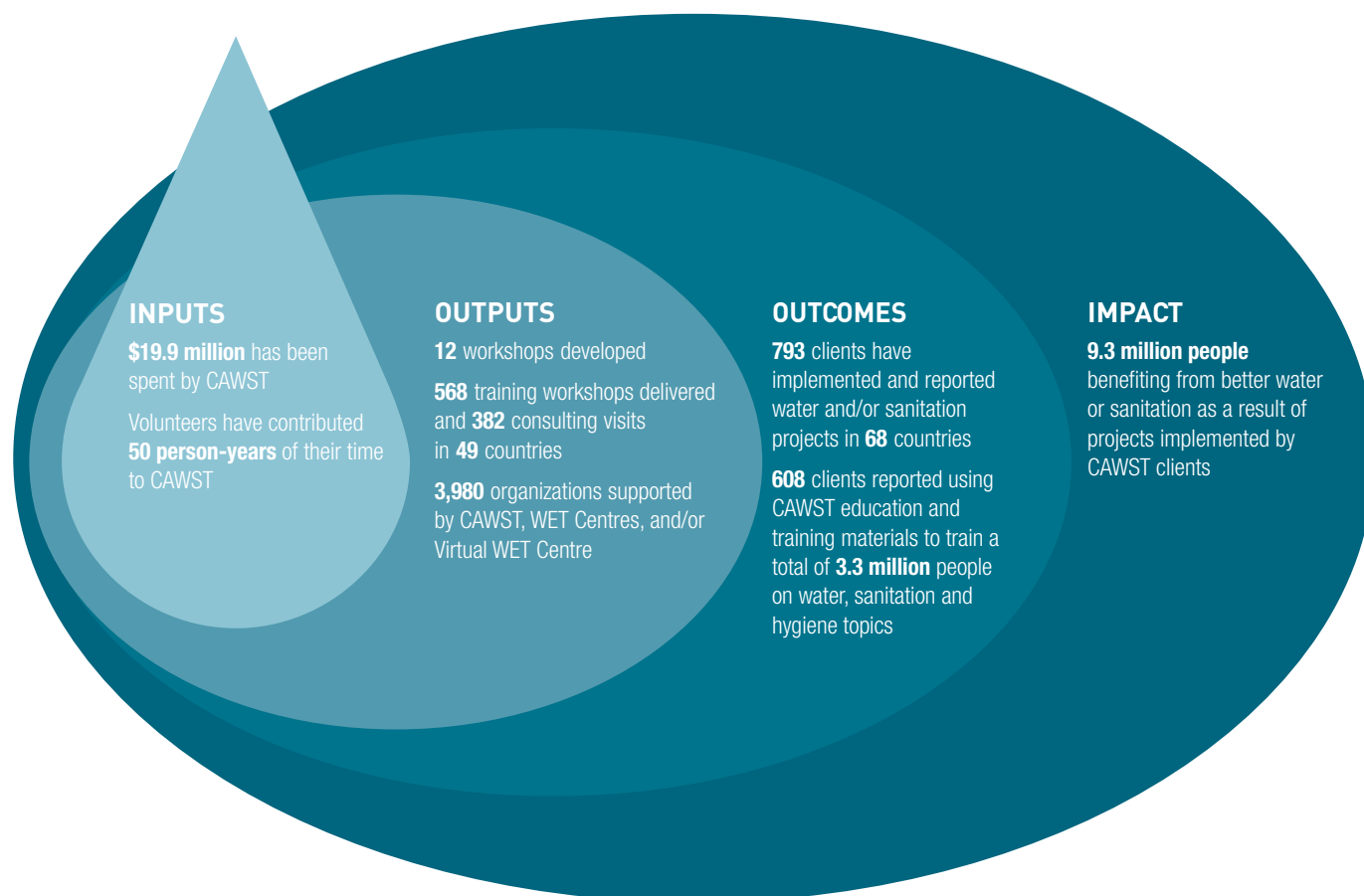
The KPIs are measured annually through a survey sent to all clients, and through several sources of internal data. CAWST clients are organizations which have received our workshops, accessed our consulting support or used our educational materials. They may have obtained our services in person from CAWST staff, from Water Expertise and Training (WET) Centres or online through our Virtual WET Centre.

In 2014, we received 468 responses to the survey, a 70% increase from last year. These survey results are verified for accuracy and then included in the calculation of our KPI results.

The KPI results reflect our clients' activities and project outcomes. We acknowledge that CAWST's services are one of many contributors to the success of our clients' projects. We continually look for ways in which CAWST can better support our clients in order to contribute to the success of their water and sanitation projects.

The KPI results are, in many cases, a significant understatement of our impact because we only report the results from those clients that respond to the survey, which for this year was 10% of the total. This is consistent to prior years. We do not estimate results for clients that have not responded to the survey.

RESULTS SUMMARY

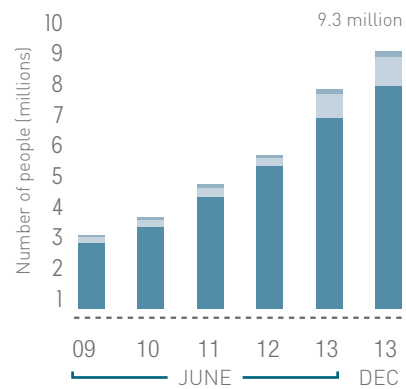


Cumulative numbers since 2001, when CAWST was founded, through December 31, 2013.

WHAT HAS CHANGED THIS YEAR?

1. Our annual reporting cycle has changed, from a June year-end to a December year-end. This calendar year timing generally works best for our clients and WET Centres. We staged this change over two years: in 2013, we asked WET Centre clients to report up to December 2012, while CAWST's direct clients reported up to June 2013. This year, all CAWST and WET Centre clients reported as of December 2013. This means that for direct CAWST clients, six months, rather than 12 months, of results have been included in this year's survey. As a consequence, the reported numbers are lower than they would otherwise have been had all clients reported for a full 12 months. Going forward, all clients will report their results using a December year-end.

2. In 2014, we removed one KPI: the number of community-based organizations our clients are working with. This indicator did not accurately reflect the size of our clients' networks of community-based organizations, and the results were inconclusive and difficult to verify.



NUMBER OF PEOPLE AFFECTED BY CAWST'S CLIENTS

- Household Water Treatment
- Sanitation
- Rainwater Harvesting

NUMBER OF PEOPLE AFFECTED BY CAWST'S CLIENTS

A total of 9.3 million people are currently using better water or sanitation technologies as a result of projects implemented by our clients worldwide.

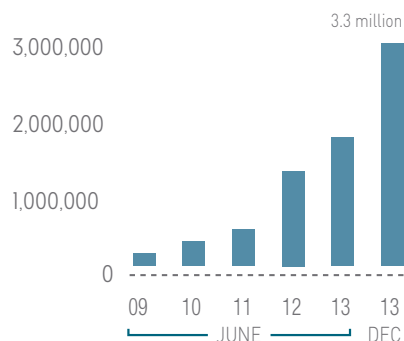
This result refers to the number of people currently using water and sanitation technologies, rather than the number of people who have received better water or sanitation at some point since CAWST's inception in 2001.

A proportion of the people reached in the past are no longer using those technologies today because of breakages, lack of motivation, technical problems or other reasons. We account for this by applying retention factors to estimate the current usage.

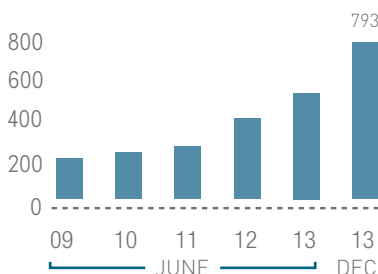
The retention factors are determined from published research reports and were confirmed with our clients in the 2011 survey. The past year's increase from 7.5 to 9.3 million people using better water or sanitation technologies is attributable to the expansion of ongoing projects by our clients, the increased number of clients implementing projects and the work of our WET Centres.

This figure is a conservative measure of our impact, because of both the low response rate to the survey and the incorporation of the retention factor.

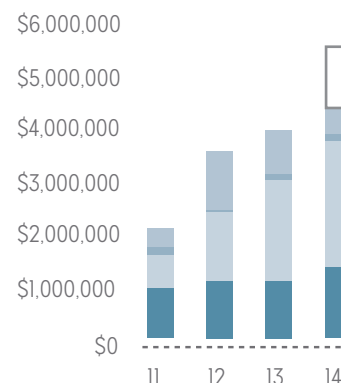
2014 KEY PERFORMANCE INDICATORS Continued



NUMBER OF PEOPLE REACHED USING CAWST'S EDUCATION MATERIALS



NUMBER OF IMPLEMENTING CLIENTS



REVENUE

- Designated Revenue
- Undesignated Revenue
- Earned Revenue
- WET Centre Flow Through
- Forecast to Year-End

NUMBER OF PEOPLE REACHED USING CAWST'S EDUCATIONAL MATERIALS

Since 2009, a total of 608 clients have reported using CAWST's education materials to teach others, reaching a cumulative total of 3.3 million people. This demonstrates the value of our materials to clients and the need for CAWST to continue developing products that our clients can download, adapt and use on their own. It also demonstrates that clients are accessing and using our materials for wider-scale public education, awareness and social marketing in water, sanitation, health and hygiene.

NUMBER OF IMPLEMENTING CLIENTS

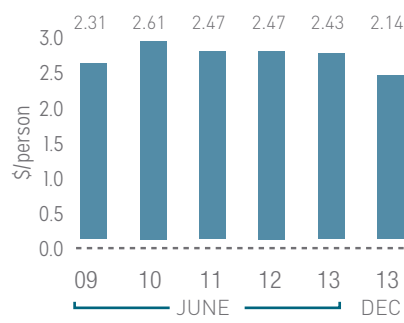
An implementing client is an organization that has accessed CAWST services and reported to CAWST that it is implementing water, sanitation and hygiene (WASH) projects and/or is using CAWST materials to teach others. The use of this KPI, along with the first KPI (number of people affected), drives CAWST to deliver products and services that result in our clients starting, growing and strengthening WASH projects.

Since 2001, a total of 793 clients have reported implementing WASH projects and/or using CAWST materials to teach others. In this past year alone this KPI result has shown an increase of 49%. This increase is a result of WET Centres' ability to support many smaller, local organizations to initiate small-scale projects. It also reflects our WET Centres' increased ability to collect survey responses.

REVENUE

CAWST's revenue continues on a steady growth trajectory, having increased 11% in the past year, from \$3.6 million to \$4 million. Our projected revenue for 2014 is \$5.7 million, a 43% increase over 2013. This year's growth will result from an increased level of funding under our agreement with the Canadian government's Department of Foreign Affairs, Trade, and Development (DFATD, formerly CIDA), through the Muskoka Initiative on Maternal, Newborn, and Child Health, as well as from a significant new investment from a private donor.

2014 KEY PERFORMANCE INDICATORS Continued



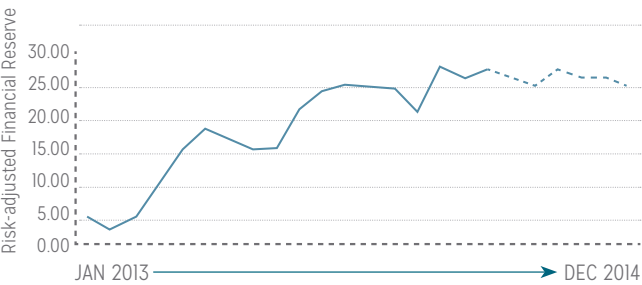
COST PER PERSON AFFECTED

COST PER PERSON AFFECTED

This indicator measures the efficiency of our interventions and the financial leverage of our model. It is calculated as the cumulative CAWST expenditures divided by the total number of people affected by our clients since the start of our organization. Since 2001, we have spent \$19.9 million and have contributed to better water or improved sanitation technologies being used by 9.3 million people. The cost-per-person-affected currently stands at \$2.14, which is 12% lower than it was in 2013.

FINANCIAL RESERVE

CAWST's financial reserves are calculated as the month-end cash and investment balance divided by the average forecasted monthly expenditure looking forward six months. As of June 2014, our financial reserve was 24 months, a significant increase from prior years. This was due to a \$12 million investment over five years from a private donor, \$11 million of which is designated for 2014-2017. In 2013, donations were received throughout the year, with seasonal rises in Q2 from corporate donations and in Q4 because of end-of-year individual donations. At the end of 2013, deferred contributions totalled \$8.9 million; at June 30th, 2014, they had increased to \$9.9 million.



FINANCIAL RESERVE

----- Based on Total Cash Balance and Investments

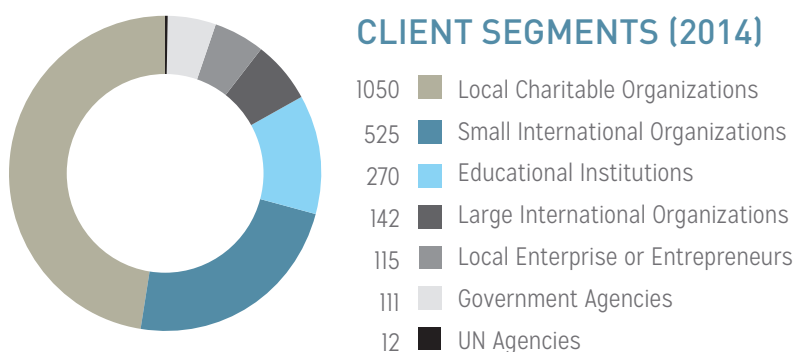
CAWST CLIENTS, WET CENTRES AND COLLABORATORS

Clients

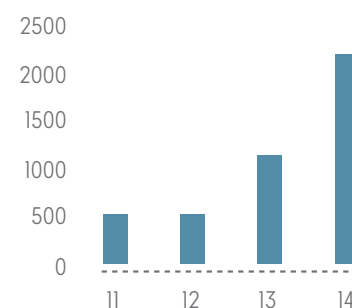
Clients are organizations that have accessed any of CAWST's services (training, consulting, education materials and resources) via CAWST staff (on-site, phone, email), our WET Centre partners and/or our Virtual WET Centre.

CAWST works with a range of client types, from local charitable organizations and government departments to large international organizations such as World Health Organization, World Vision and the Red Cross. This breadth of client type is important, as each one plays a unique role in the sector and enables us to facilitate the sharing of knowledge, expertise and experience across the sector.

An active client is an organization that has accessed CAWST's services in the past 12 months. CAWST currently has 2,225 active clients – a 112% increase from 2013. The large increase in 2014 is due to expanded use of the Virtual WET Centre and growing WET Centre client networks.



ACTIVE CLIENTS



WET Centres

WET Centres are at the core of CAWST's replication strategy. These locally-based organizations provide WASH education, training and technical support to organizations and individuals in their country.

CAWST and each of the eight current WET Centre partners work together to build their knowledge and skills to deliver WASH training and education services adapted to the local context.

In this way, CAWST's model can affect many more people, and do so more sustainably than if CAWST sought to only reach clients directly.

CAWST's WET Centre program receives substantial support from the Government of Canada's Department of Foreign Affairs, Trade and Development (DFATD) through its Muskoka Initiative on Maternal, Newborn, and Child Health.

WET CENTRE	WET CENTRE PARTNER ORGANIZATION
Afghanistan	Danish Committee for Aid to Afghan Refugees (DACAAR)
Cambodia	Church World Service (CWS)
Ethiopia	Ethiopian Kale Heywet Church Development Program (EKHCDP)
Haiti	Pure Water for the World (PWW)
Honduras	Pure Water for the World (PWW)
Lao PDR	National Centre of Environmental Health and Water Supply (NamSaat, Ministry of Health)
Nepal	Environment and Public Health Organization (ENPHO)
Zambia	Seeds of Hope International Partnership (SHIP)

Collaborators

CAWST collaborates with universities to research solutions to issues our clients face in their efforts to improve implementation. We are currently collaborating with the following institutions:

British Columbia Institute of Technology, Canada:

Researching biosand filter effectiveness following periods of disuse, and researching effectiveness of biochar for removal of harmful chemicals.

Cambridge University, UK: Conducting an independent evaluation of CAWST's approach.

Cranfield University, UK: Review of CAWST processes for measuring and reporting results.

Lehigh University, USA: Investigating the impact of biosand filter residence time on water pathogen removal.

University of Calgary, Canada: Developing a method to improve portability of filters for delivery to households.

University of Illinois, USA: Researching virus removal and microbial communities in biosand filters.

VIRTUAL WET CENTRE

“BLENDED LEARNING IS THE FUTURE OF CAWST’S EDUCATION AND TRAINING SERVICES”
- Melinda Foran, Director Education Program Development

In April 2013, CAWST launched its Virtual Water Expertise and Training (WET) Centre, an initiative that quickly proved to be a success. As a result of the positive response from WASH practitioners worldwide, the Virtual WET Centre is now central to our strategy to make innovative use of online tools.

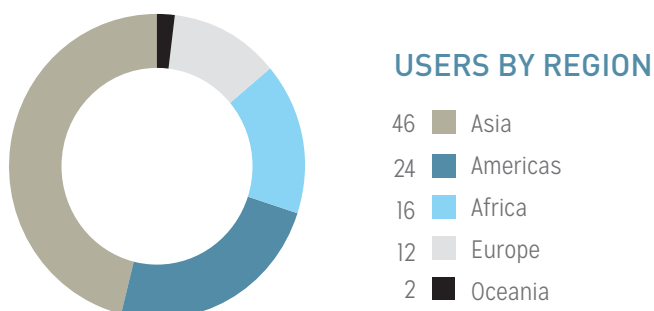
Our Virtual WET Centre expands our reach and impact by increasing the availability and accessibility of our services, improving the quality of learning and the knowledge-sharing for our clients.

The results speak for themselves; the Virtual WET Centre currently has a user base of over 2,000 organizations in 150 countries accessing and downloading our resources over 30,000 times.

CAWST moved into the online space very deliberately, to fill a void in the WASH sector. The convergence of three factors indicated that the time was right and CAWST was uniquely positioned to fill that void:

- 1) A recent exponential increase in access to internet by our clients in developing countries.
- 2) The availability of new effective online learning tools.
- 3) CAWST's 13 years' experience in developing and delivering training and consulting support directly to WASH practitioners around the world.

CAWST's Virtual WET Centre is integrated with our in-person services to augment support to existing clients. The virtual WET Centre also provides quality training, support, knowledge and resources to WASH and health practitioners whom we may not otherwise be able to serve. It also functions as an introduction for potential clients who may eventually receive in-person support from CAWST.



VIRTUAL WET CENTRE

WASH EDUCATION AND TRAINING RESOURCES: AVAILABLE FOR ANYONE, ANYWHERE

CAWST provides all of its education and training materials for free under a creative commons license, whereby users can share and adapt the resources. These include all trainer manuals, lesson plans and workshop materials - over 1,300 items are downloadable from www.cawst.org/resources. Our next step is to also make the entire collection available in flash-drive format for our clients lacking internet access and those with limited or slow access.



The largest open-content WASH training resource repository online

ON-DEMAND KNOWLEDGE AND PROBLEM SOLVING

WASH implementers often need help with troubleshooting technical problems and identifying practical solutions for immediate implementation. They have specific questions and challenges that can't always be found in a training manual. Our Knowledge Base tools are designed for on-demand, solution-focused knowledge and updates, and include a virtual "place" where practitioners can exchange information and experiences with others. Practitioners can also get direct support from a CAWST staff member by email.

Our Biosand Filter Knowledge Base (www.biosandfilters.info) has over 200 frequently asked questions, dozens of summarized research papers, case studies and technology updates.

ONLINE TRAINING: REACHING EVERY PART OF THE GLOBE

In 2013, CAWST started offering one-hour long online training sessions to enable us to serve many clients at once. These sessions are recorded and made available to all for later viewing.

The next step for CAWST is to also develop short courses and modules that will be used to introduce a topic, to refresh existing knowledge or as a prerequisite to in-person training. These short courses will enable participants to have one-to-one interactions with a CAWST trainer over a period of time.

By using a blended learning approach (a mix of in-person and online), our education and training services can provide a more effective learning experience for our clients while also reaching more people.

Online Training Results

Since January 2014

Sessions to date: 7

Languages: English, French, Spanish

Participants: 289

Countries: 76

Topics covered to date:

Introduction to Household Water Treatment and Safe Storage, Biosand Filter Troubleshooting, Drinking Water Quality Testing, Maternal and Child Health and WASH.

THE CRITICAL ROLE OF WATER, SANITATION AND HYGIENE FOR MATERNAL AND CHILD HEALTH

THE EVIDENCE OF THE LINK EXISTS AND IT'S COMPELLING

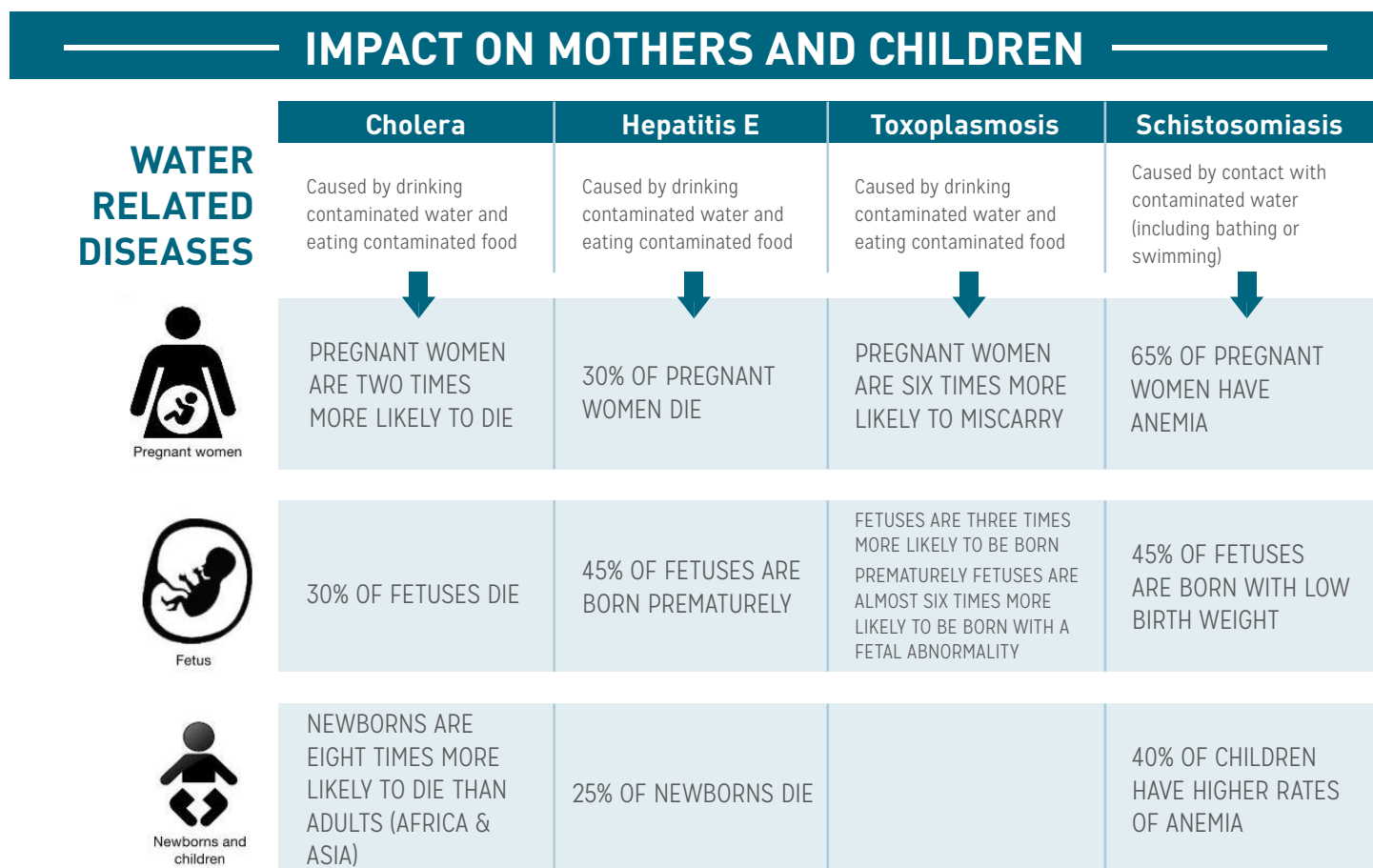
When most people think about maternal, newborn and child health (MNCH) they tend to think about prenatal care, birth attendants or vaccinations; they don't usually think about the role of safe drinking water, adequate sanitation and good hygiene. However, the crucial link between access to WASH services and MNCH has been clearly established¹.

Pregnant women, new mothers and children under five are at a vulnerable time in their lives. Both suffer from high rates of anemia and higher rates of illness and death due to water-related pathogens. Pregnant women and children under two are particularly vulnerable because they have weaker immune systems

Formula and baby foods are often mixed with contaminated water. The mix makes a perfect breeding ground for bacteria from the water to multiply, potentially exposing the child to a much higher dose of pathogens than the water alone would - all at a time when the child has little or no immunity.

Looking at four common diseases that have a direct link to WASH – cholera, hepatitis E, toxoplasmosis, schistosomiasis – we see the huge impact these diseases have on pregnant women and their babies (see figure 1).

FIGURE 1:



¹ See Technical Brief on WASH and Maternal & Child Health : www.cawst.org/mnchbrief

Continued

These diseases and others can be reduced or eliminated with safe water and proper sanitation and hygiene.

One of the most significant health impacts of water-related diseases is anemia, a condition marked by a deficiency of red blood cells, or hemoglobin, in the blood. Schistosomiasis and hookworm are examples of pathogens that are of particular concern for causing anemia.

Anemia has both short and long-term effects on the mother as well as the child. It contributes to 10 to 40% of maternal deaths in developing countries and is prevalent in 65% of children under five. If a mother dies, her newborn is four times more likely to also die, and her other children are 10 times more likely to die within two years of the mother's death. If the child survives, she or he is less likely to attend or complete school.

Having just one of these diseases makes a person undernourished, less healthy and less able to fight off other diseases. This is especially true in the absence of adequate water, sanitation and hygiene.

Existing research largely examines each disease in isolation, but a person can suffer from more than one of these diseases, and the combined effects can be devastating.

Imagine the ongoing effects of these diseases on a whole population as children grow but don't thrive, become adults who aren't healthy and have their own children who will likely face the same health issues.

WASH AND HEALTH PRACTITIONERS NEED THIS CRITICAL INFORMATION TO MAKE SOUND DECISIONS

The impact of WASH on pregnant women and young children is clear from all available research. Yet, when poor maternal and child health are observed, the link to WASH is often overlooked.

When a mother in Bangladesh has a miscarriage, does anyone in her community realize the arsenic in their water may have been a contributing factor? When a child is malnourished, does anyone identify the intestinal damage from a previous *Cryptosporidium* infection as an impediment to the absorption of the nutrients he's being fed?

Health workers need to know that in areas where hepatitis E exists, it is essential for pregnant women to drink disinfected water, because if they contract hepatitis E while pregnant, there is a 30% chance they will die from it. Similarly, WASH practitioners need to know that chlorine is ineffective against *Cryptosporidium*, a leading cause of death in infants².

If practitioners and decision-makers know what the primary threats are to maternal and child health in a particular area, they can more easily determine which interventions are appropriate for the desired health impact.

PEOPLE TAKE ACTION WHEN THEY HAVE THE SKILLS, KNOWLEDGE AND MOTIVATION

When people know that water is making them sick or has caused the death of their child, and they know there is a solution, they take action. Their actions improve their own health, the health of their families and often inspire action by others in their community.

Health and WASH practitioners have an important role to play in increasing awareness of the health-WASH connection, providing education about solutions, motivating action and supporting immediate implementation and sustained use.

TWO CRITICAL GAPS IN THE SECTOR HAVE PREVENTED WIDESPREAD, LASTING CHANGE

Despite the clear and proven link between water and health, two remaining knowledge gaps have prevented the widespread health improvements that WASH could provide:

- 1) Research findings are not currently consolidated and disseminated in ways that are useful for practitioners,
- 2) People in the WASH and health sectors do not understand each other's work very well.

Addressing these two knowledge gaps will go a long way toward empowering health and WASH practitioners to make effective decisions for the improved health of mothers, children, families and their communities.

2: Kotloff, K.L., Nataro, J.P., Blackwelder, W.C., Nasrin, D., Farag, T.H., Panchalingam, S., . . . Levine, M.M. (2013). Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Global Enteric Multicenter Study, GEMS): a prospective, case-control study. *The Lancet*, 382(9888), 209-22. doi:10.1016/S0140-6736(13)60844-2

WHAT IS CAWST DOING TO IMPROVE THE HEALTH OF MOTHERS, NEWBORNS AND CHILDREN?

In all CAWST's training workshops, we emphasize the critical link between health and water; we highlight vulnerable populations such as mothers, newborns and children; and we train people in simple interventions that work.

For example, we train WASH practitioners in basic epidemiology and microbiology, which enables them to better select appropriate technologies and interventions. We train health practitioners in the basics of WASH, to enable them to either implement solutions themselves or motivate and assist others in the WASH sector.

CAWST recently completed an extensive review of the WASH research literature, to both update our educational resources and better demonstrate and communicate the critical role of WASH for the health of mothers, newborns and children. The next step is to increase our efforts to train WASH practitioners to strengthen their role in improving the health of mothers, newborns and children, and to begin actively marketing our services to the health sector.

CAWST was the recipient of the Canadian government's third-largest grant through the Department of Foreign Affairs, Trade, and Development (DFATD) Muskoka Initiative on Maternal, Newborn, and Child Health.

For information on our services visit: www.cawst.org/what-we-do

Statistics from the graphic are sourced from Ahmed et al. (2013), Ali et al. (2012), Beniwal et al. (2003), Bista and Rana (2006), Boccia (2006), Brooker et al. (2008), ICDDR, B (2009), Jaiswal et al. (2001), Khuroo et al. (2001), Kumar et al. (2004), Li et al. (2014), Patra et al. (2007), Shrestha et al. (2011), Sing et al. (2003), Smith and Brooker (2010), Sousa-Figueiredo et al. (2012), Thomson et al. (2013), Tsega et al. (1992).

For a list of complete references see www.cawst.org/mnch-wash-references <<http://www.cawst.org/mnch-wash-references>>

STORIES FROM THE FIELD

FINDING HEALTH THROUGH WASH

CAWST's model helps individuals, families and communities regain health and break the poverty cycle



FREED FROM SICKNESS, RIN CAN GO TO SCHOOL

In the village of Anlong Veng in Cambodia, 11-year old Rin Thearith frequently suffered from waterborne illnesses as a result of drinking unsafe water. His family collected water from a hand-dug pit using contaminated containers and had no way of filtering the water in their home.

"When I got sick, I could not go to school and my mother had to spend money for a doctor and medicine for me," Rin says.

Rin's life was positively affected when the Church World Service (CWS) WET Centre held household water treatment workshops in his village. The workshops taught Rin and his family how to treat their water, and emphasized the importance of using safe storage containers to protect the contents from recontamination after filtering the water.

Having this new knowledge, Rin's family regularly treats its water using a biosand filter, and stores the treated water in safe storage containers.

"Since my mother does not need to take me to the hospital and pay for medicine, she has enough time to work on the farm to make money. Now I can go to school regularly and play with my friends!" exclaims Rin.



IN AFGHANISTAN, BISMILLAH FINDS A SOLUTION FOR HIS CHILD'S HEALTH

For three years, Bismillah searched for a doctor who could explain why his daughter, Tabbasum, so frequently suffered from diarrhea and abdominal bloating. Bismillah regularly sacrificed work, but was unable to find a physician who could help his daughter.

"I am only a stonemason so the daily income was not enough for our family needs and Tabbasum's treatment," Bismillah says. "I was facing a huge problem because I had to feed my family and treat my daughter."

As Tabbasum's condition worsened, Bismillah made the decision to travel 700 km over mountainous terrain to Pakistan in search of a solution. A doctor there informed Bismillah that his daughter's illness was caused by unsafe drinking water.

Bismillah returned home with the knowledge of his daughter's issues but was left without a solution. Bismillah was finally able to end his search when hygiene educators from the Danish Committee for Aid to Afghan Refugees (DACAAR) WET Centre in Afghanistan visited his village promoting affordable water treatment methods. With the knowledge he gained from the WET Centre's visit, Bismillah now uses a biosand filter in his home and benefits from regular visits and ongoing support from the WET Centre. Since then, the family has been drinking clean water and Tabbasum's health has greatly improved.

"We started using the filter and she is no longer sick," Bismillah says.



FROM LAPSED FILTERS TO WASH AWARENESS

The village of Phontone in Lao PDR illustrates how training and ongoing relationships dictate whether WASH interventions are sustained and effective.

Phontone residents have long suffered from waterborne illnesses linked to poor hygiene practices and unsafe drinking water. The issue spiked in 2008 when the region was hit with severe flooding.

As part of the emergency response, an organization installed biosand filters in the community. But residents received limited training about the filters and little follow-up support. Over time, many stopped using them.

In 2013, the community asked CAWST and its Lao PDR WET Centre partner the National Centre of Environmental Health and Water Supply (NamSaat) for help with the filters.

CAWST and the WET Centre have so far visited Phontone twice. On the first trip they led activities on WASH awareness and the use and maintenance of biosand filters.

The second trip was focused on helping community members work through any issues or questions they had about the use and maintenance of their filters. The team found many community members were using their filters.

“The reason the villagers had stopped using their filters in the first place was because they had heard that the quality of the filters was not guaranteed,” says Khamphouthay Sithilath, manager of the NamSaat WET Centre. “But after the WASH Awareness activities, we clarified details of the BSF and its parameters and also did some maintenance on broken filters.”

Knowledge, skills and sustained support are crucial to successful WASH interventions

When people are exposed to unsafe drinking water, poor hygiene practices or inadequate sanitation, their health becomes vulnerable. Regaining health can initially involve simple, effective interventions..

But maintaining health over the long-term is less simple. What CAWST has found time and time again is that for individuals and communities to remain healthy they need ongoing, long-term access to WASH training, resources and support.

CAWST's WET Centres and clients are proving that a focus on local WASH knowledge and sustained relationships leads to long-term improvements in the health of individuals and communities.

MARY BANDA: A QUEST TO MAKE WATER KNOWLEDGE COMMON KNOWLEDGE IN ZAMBIA



Mary Banda's WASH journey began in 2006 when she sought to find out why she and her six children kept getting sick.

Mary's search not only led her to discover the source of her family's health issues, it also launched her on a mission to help others.

Today, Mary is a community health promoter and biosand filter (BSF) technician in Zambia who works tirelessly to build filters and educate communities about WASH issues.

Mary was the first woman in Africa to become a certified BSF technician. Her story illustrates the extent to which empowering women at the community level can spark deep, lasting change.

It all began when a doctor told Mary that her family's stomach problems could be caused by unsafe drinking water. At the time Mary, who is a widow, was barely getting by, and she and her children were constantly struggling with poor health.

Not knowing what to do didn't stop Mary from seeking a solution. She rightly assumed that if her family was suffering from the effects of unsafe drinking water, much of her community likely was as well.

Mary's first step was to attend a training session delivered by CAWST's WET Centre partner in Zambia, Seeds of Hope International Partnerships (SHIP). This motivated her to become a community health promoter.

She didn't stop there. The following year, in 2008, she was introduced to the BSF during another WET Centre training session in her community. That simple technology changed Mary's life.

"They taught me about the biosand filter and the problems became less," Mary says. "The children could go to school and we started living well again."

Not only did the health of Mary's family improve, Mary also noticed an improvement in other community members who had begun using the filters in their homes.

Mary was so fascinated by the filter's impact that she became determined to educate others and get filters into more homes. Mary began going to the WET Centre's BSF factory twice a week to help people build the filters.

She volunteered full-time for three years, eventually gaining her BSF technician certification and getting a job as a BSF technician at the WET Centre.

Mary brought more and more women from nearby communities into the WET Centre, triggering a transition in the composition of the WET Centre's BSF technician team from all male to nearly all female.

"Mary is an amazing lady," says Evans Chiyenge, manager of the Zambia WET Centre. "Before Mary came to the factory we used to have a lot of breakages, biosand filters that did not work. Right now I am proud to report that the rate of failure is almost nil. Those ladies are amazing."

Today, Mary works full-time as a BSF technician at the WET Centre during the week, while on weekends she volunteers as a community health promoter, never stopping in her quest to make water knowledge common knowledge.

"Through teaching, we are saving peoples' lives," Mary says. "And then those people can share what they have learned and save even more lives."

HENRY JUAREZ: SCALING-UP WASH IMPACT IN PERU



Henry Juarez was not surprised when his 2008 research on the Rimac River found it to be highly contaminated. The Rimac serves as the primary source of water for Lima, Peru's capital city.

For Henry, the value of the research – funded by Canada's International Development Research Centre (IDRC) – was in providing hard facts about the extent to which the water source was contaminated.

As an agronomist, Henry's first approach was to help farmers with the treatment of the water they use for irrigation. However, the farmers told Henry their primary concern was not irrigation water but the drinking water used by their community. This presented a challenge.

"I had no expertise in drinking water quality," Henry says.

Henry's search for appropriate technologies that would provide simple, low-cost solutions for safe drinking water led him to CAWST.

"CAWST was offering a workshop in Peru, but I missed it by a month so I was very sad," Henry says.

But that didn't stop him. Participants from the workshop helped Henry launch a pilot project to build and install 65 biosand filters (BSFs). Henry then helped form the Clean Water for Peru Initiative and contacted CAWST directly.

The first training Henry offered with CAWST was enlightening—all 20 participants were mothers.

"It is of course obvious, but it had not been obvious to me until that moment that mothers are in charge of the health of their family," Henry says. "In our trainings I would say about 90% of participants are mothers."

Henry and his partners embraced CAWST's model of pairing education with infrastructure.

"More than half of project resources are focused on training; the remainder is spent on filter construction," Henry says. "At the beginning this was difficult for funders to understand, because they were focused on how much it cost to build a filter and wondered why resources were needed to teach people."

Henry has since founded a non-profit organization called AguaSAN Peru, focused on promoting access to safe water, sanitation, wastewater treatment and community health promotion for lower-income communities.

In 2013, CAWST and AguaSAN collaborated with Mount Royal University as part of a research program funded by the IDRC to evaluate the impact of CAWST's training and education model in Peru and Nepal. The research confirmed the effectiveness of CAWST's model in building the capacity of local organizations in order to improve access to safe drinking water and basic sanitation.

Having helped more than 12,000 of Lima's poorest residents begin using safe drinking water, Henry is looking to his next challenge, which is to research adaptations to the BSF to remove heavy metals from drinking water.

"This experience has been life-changing," Henry says. "But I need to do more."

YOUTH UNITE TO MAXIMIZE IMPACT



Environmental clubs from six Calgary high schools have combined their efforts through Youth Central's TD Youth Earth Ambassadors (YEA) program.

Every two weeks, 10 youth meet and develop action projects on environmental issues in their communities. This year, they decided to focus on water and found a perfect fit with CAWST's Youth Wavemakers.

They started with a Wavemakers workshop on taking action that inspired YEA members to initiate water projects while connecting with other student groups through Wavemakers.

"Water and the environment are interconnected and Youth Wavemakers helped us focus our action on that link," YEA member Allison Pritchard says. "We saw alignment with our goals."

Their project set out to encourage consumers to make a conscious decision to reduce their use of plastic water bottles, and to reuse plastic waste. The group first produced a public service announcement promoting reusable water bottles, which was shown on social media platforms.

The ambassadors then began gathering plastic water bottles from their schools to build a community greenhouse. "In dealing with water usage, we took an environmental spin, while others viewed it from sanitation, health or a humanitarian level," YEA Team Leader Jessalyn Rohs says.

In June, the group committed over 150 hours to build the greenhouse, using over 2,500 plastic water bottles. The

greenhouse, located at Al and Marg's Garden on 7th Avenue NW in Calgary, currently acts as a nursery for small plants and is accessible to the community. The greenhouse demonstrates the repurposing of everyday objects like plastic water bottles.

"The Youth Earth Ambassadors were a unique group because they all came from different schools around Calgary," says Michelle Macdonald, program manager of CAWST's Youth Wavemakers.

"Their project idea was also unique: making a greenhouse from plastic water bottles is a fantastic way to educate the public about the waste involved in drinking bottled water. The greenhouse now stands as a permanent structure reminding residents of Parkdale in Calgary to drink tap water, while providing a great spot to grow local food."

The group showcased their project at CAWST's World Water Day Celebration in March, where they networked with youth and explored other water action projects. "The Youth Wavemakers support and World Water Day were inspirational and motivating. We were able to make greater connections and be part of the larger community," Allison says.

Part of the YEA mandate is to catalyze action and inspire youth in their communities based on their experiences. "This year we are creating a learning tool to encourage other local youth groups to consider their plastic water bottle usage and to think about creative ways to reduce and repurpose their waste," explains Michelle Kembell, YEA Program Coordinator.

LOOKING BACK: 2013-2014

In the past year, an additional 1.8 million people gained access to better water or sanitation as a result of our clients' work worldwide, for a total of 9.3 million people since 2001. We also met or exceeded all other operational targets.

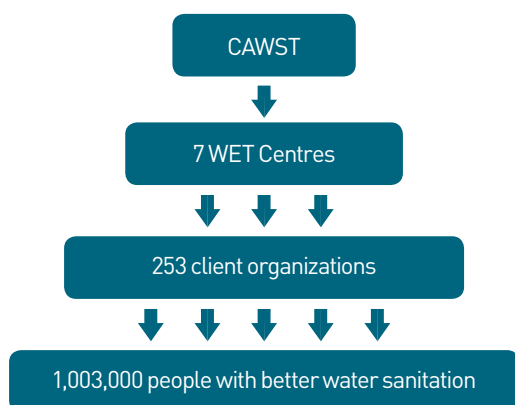
1. WE STRENGTHENED SEVEN WET CENTRES AND ADDED AN EIGHTH WET CENTRE

We are increasingly seeing the multiplier effect of CAWST's WET Centre program, and this is the first time we can report a trend for WET Centres over three years, beginning in 2012.

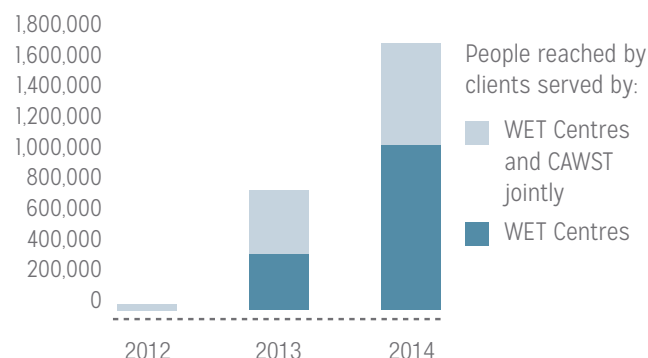
The results demonstrate that our WET Centre strategy is working to:

- *Multiply impact:* More people are using better water or sanitation because both CAWST and now the WET Centres are building local skills and knowledge.
- *Replicate our service delivery model:* Communities, governments and organizations are able to access WET Centre training and support in their own country to help them address their local water issues.
- *Transfer our clients to the WET Centres:* CAWST clients in countries served by WET Centres now have training and support services available to them locally, and CAWST is better able to serve organizations in countries where there are no WET Centres.
- *Improve client relationships and support:* Clients served by WET Centres receive more customized and responsive training and support than they otherwise would if they relied solely on support from CAWST trainers.

CAWST'S MULTIPLIER EFFECT



CUMULATIVE REACH/IMPACT



Note: These results contribute to the total impact of 9.3 million people with better water or sanitation (per CAWST KPIs).

The multiplier effect of our WET Centre Strategy

The cumulative impact through our WET Centre program has increased by 60%, from 620,000 in 2013 to 1 million in 2014.

The growth in impact is due to the increased number of WET Centres in our program, and to the WET Centres' increased capacity to both deliver training and consulting services locally, and to collect and process client results.

Another highlight for 2014 was securing the funding necessary for Pure Water for the World (PWW) Honduras to join our WET Centre program. PWW-Honduras first received a CAWST training in 2005 and has been developing its WET Centre strategy and plan since 2008.

"The partnership between Pure Water for the World and CAWST is changing lives. CAWST has given us something that no one can take away from us -- the knowledge, as well as the empowerment, to do something meaningful with that knowledge."

- Maria Inestroza, Honduras WET Centre Manager

Building institutional capacity includes improving the WET Centres' capabilities in fund development to ensure they can sustain their journey toward independence. While we have made headway, we still have to determine with each WET Centre what their respective funding models will be.

Examples of success on this front include DACAAR in Afghanistan securing 50% of its WET Centre funding for 2015 and 2016, and WET Centres generating earned revenue both through training workshops and their water quality testing laboratories.

2. WE EXPANDED OUR VIRTUAL WET CENTRE

Our Virtual WET Centre is one of our most notable successes this year. Our initial launch was in 2013, and 18 months later the results have far exceeded our expectations.

Our WASH Resources website is now the largest open-content, online WASH training resource repository in the world. In the past year, we have:

- **Increased our client base to over 2,000 organizations** in 150 countries. 3,000 registered users have downloaded CAWST resources 30,000 times.
- **Added 900 open-content resources** designed specifically for WASH Trainers, including trainer guides, lesson plans, presentations and sample agendas - available in English, French and Spanish.

We have also made a foray into:

- **Online training** by delivering seven webinars in English, French and Spanish for WASH practitioners, attended by 289 people from 76 countries.
- **Mobile technology** by piloting the use of voice surveys and SMS messages, as tools to monitor and provide consulting support to clients implementing household water treatment projects in Zambia, Tanzania and Nepal. Initial outcomes of the pilot have shown significant potential for more efficient project monitoring and end-user support.

3. WE EXPANDED OUR PRODUCTS AND SERVICES

CAWST continually develops and adapts products and services to address gaps identified in WASH training and consulting services. We decide where and how we focus our attention by evaluating the sector's needs and recognizing CAWST's unique niche.

"Before we started using the CAWST manuals we just went in and installed filters in the homes. But since we started using them we can really show the people why it is important to have clean water and keep your area clean."

- Patrick Alziphat, Haiti Director, Rays of Hope International

Last year, we focused on the following four areas, in line with the direction for the future UN Sustainable Development Goals on water and sanitation for health:

Sanitation: We developed and piloted an Introduction to Environmental Sanitation workshop, and a Latrine Project Implementation Part 1 (first of a three-part series) workshop, focused on latrine technology options, selection, siting and construction.

Community WASH Promotion: We revamped our Community Health Promotion workshop, incorporating our 13 years of global experience. This new workshop better reflects what is needed to develop capacity in individuals who promote WASH at the community level.

Drinking Water Quality Testing: We updated our workshop package with new information on sanitary surveys, sampling different household water treatment technologies and product sheets for various water quality testing products and equipment.

Health and WASH: We launched a new suite of training and resources specifically for building the capability of health and WASH practitioners to make informed decisions and to educate others. By the end of 2014, we will have updated, developed and delivered training on:

- Basics of water-related diseases and WASH
- Health of mothers, newborns and children and WASH
- People living with HIV/AIDS and the importance of safe water
- Cholera and WASH

4. WE EXPANDED THE REACH OF YOUTH WAVEMAKERS IN CANADA

Our Youth Wavemakers' program provides training and consulting support to educators in North America, in order to engage, educate and empower youth action on global and local water issues.

In the past year, our most significant achievement was to launch two new online resources developed with youth overseas:

Kids of Kayele: an online game for junior high students that teaches youth about WASH issues in Zambia. CAWST trained and worked with youth in Zambia to collect images and videos from their communities used in this game.

LOOKING FORWARD: 2014-2015

Flood of Change: a documentary film on water and youth action in Nepal. Nepalese youth trained by CAWST filmed 80% of the footage.

Also new this year was our first online training, in which we shared Wavemakers resources with educators around the globe in the Global Education STEMx Conference.

We delayed further expanding our online training and support services to educators in Canada and North America in order to evaluate the Wavemakers program, and learn from CAWST's online experience delivering services to our international audience.

"[Wavemakers] came out to SFU last year to give two workshops to my students at two different campuses, and both were very successful. They generated a great interest among the students and there was very positive discussion. I would imagine some of the students would remember CAWST for future teaching."

- Allan MacKinnon, professor at Simon Fraser University in the

Wavemakers Results (for 2013-2014 school year)

- 350 educators reached through professional development workshops.
- Educators reached 9,670 youth by delivering Wavemakers resources independent of CAWST.
- 149 youth reached 14,593 people through their Wavemakers action projects.
- 86% of youth surveyed reported changing their personal behaviours with respect to WASH as a result of their involvement with Wavemakers.

In the next year, our target is to reach an additional 2 million people with better water or sanitation, for a total of 11.5 million people since 2001.

We will increase our service delivery to clients via our WET Centres, Virtual WET Centre and direct training and consulting support. We will expand our products and services to address the need in the development sector for practical education and training on water, sanitation, health and hygiene.

1. WE WILL DEVELOP WATER EXPERTISE AND TRAINING (WET) CENTRES IN EIGHT COUNTRIES

"This innovative process of mentoring and coaching allows the WET Centre to deliver more than 80 per cent of its own training and consulting support services, which allows us to make a deep and sustainable impact on WASH issues."

- Evans Chiyenge, Zambia WET Centre Manager

In the next year, together with our WET Centre partners, we will:

- Carry out the final year of a three-year funding agreement with the Canadian government to expand our program from three to seven WET Centre countries.
- Complete the first year of capacity development with the WET Centre in Honduras.
- Establish our plans for the next phase of our WET Centre program.
- Build financial stability by developing funding models and seeking institutional funding with each WET Centre.

2. WE WILL EXPAND OUR VIRTUAL WET CENTRE

In the next year, we will strengthen and expand our Knowledge Base and WASH education and training online tools.

We will also launch four new Virtual WET Centre initiatives:

- Instructional videos: Launch our first nine animated instructional videos on the operation and maintenance of the biosand filter for six regions in four languages. These videos will support implementers in educating communities and households more effectively.
- Knowledge Base: Launch a new online Knowledge Base on Household Water Treatment.

LOOKING FORWARD: 2014-2015

- Online training course: Develop and pilot with WET Centres our first extended online training course. Successful delivery of this course will increase our ability to work with many people from a distance.
- WASH eLibrary: Launch a centralized online repository of WASH research and sector updates.

3. WE WILL INCREASE DIRECT SERVICE DELIVERY TO ALL CLIENT SEGMENTS

Over the past two years, we limited our direct service delivery to many of our clients in order to expand our WET Centre program. In 2014-15, we will:

- Resume CAWST's training and consulting services to past and new clients outside the WET Centre countries to start, strengthen and grow their WASH programs.
- Actively market our services to clients with high potential impact, and to organizations in the health sector.

4. WE WILL STRENGTHEN AND EXPAND OUR PRODUCTS AND SERVICES

"The best water and sanitation resources I have ever come across. The technologies you recommend are very practical and applicable for grassroots rural communities."

- John Nganga Mungai, Public Health Program Assistant, US Peace Corps, Kenya

CAWST develops open-content resources and capacity building services for WASH practitioners. In the next year, we will:

- Expand our resources and services in:
 - Health & WASH
 - Sanitation
 - Monitoring for improvement
 - Developing results metrics to drive impact
- Strengthen our staff's capability to provide our services.

5. WE WILL MEASURE AND REPORT OUR RESULTS

CAWST's business approach to measuring results uses organizational-level Key Performance Indicators. These drive the design and evolution of our services, programs and projects. In 2014-15, we will continue to examine our results chain for its validity, depth and breadth against our approach

to drive independent action in WASH. Specifically, we will research and:

- Evaluate potential metrics to capture the extent of our clients' networks, and the leverage of our model.
- Establish proxy metrics for communicating our health-WASH impact; or develop a position paper to explain why we will not measure this result.

6. WE WILL INCREASE CAWST'S PROFILE AND CREDIBILITY IN CANADA AND IN THE INTERNATIONAL WASH AND HEALTH SECTORS

Our profile and credibility hinges on continuing to deliver high quality services. Beyond that, here at home, we will produce videos telling our story and telling our impact, further increase our public presence, and leverage our Youth Wavemakers' program. Internationally, we will develop strategic collaborations, increase our presence at key conferences and disseminate our learning on essential topics.



IMPLEMENTING OUR PLAN: HUMAN & FINANCIAL RESOURCES

"CAWST is a strong organization with a great business model and a strong team to successfully deliver on our operations. We also now have a financial foundation of over half our annual budget through to 2017." -- *Shauna Curry CAWST CEO*

Our focus for the year ahead is to execute on our current operational strategies while securing the additional funds needed for 2014-2017 and for potential future growth. This includes support from individuals, companies, communities and larger institutional funding with longer-term commitments.

HUMAN RESOURCES

In the first half of 2014, we increased the size of our team from 22 to 40 people, which now includes associates (most of whom are past employees who work with CAWST on specific project contracts), consultants and interns. This equips us with the human resources necessary to realize our ambitious growth strategy. The mix of different approaches to staffing enables us to be nimble and to adapt to the changing needs of CAWST and our clients. It provides us with access to additional specific expertise, and increases our financial flexibility.

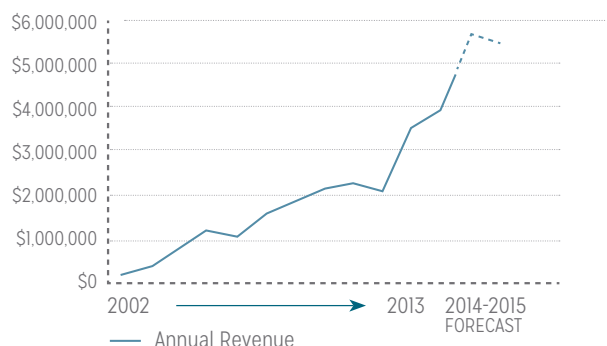
FINANCIAL RESOURCES

Our financial situation for 2013-2017 changed significantly in October 2013, with a gift of \$12 million over five years from David O'Brien. Mr. O'Brien has supported CAWST since 2004.

"I treat my social investments as I do my business investments and CAWST's entrepreneurial and innovative approach has proven to be a very effective social investment. This year's growth in CAWST's human capabilities to deliver its services is important to increase impact and to attract other larger, multi-year funders." - *David O'Brien*

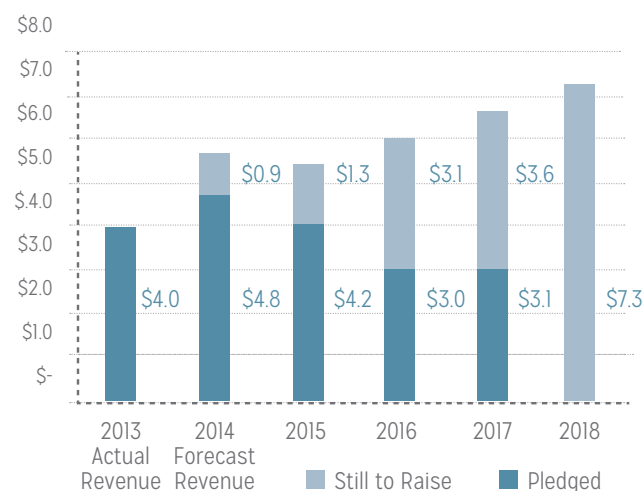
Multi-year investments by Mr. O'Brien, the Canadian government (\$5.8 million for 2012-2015) and all our other supporters have enabled CAWST to achieve significant growth over the past year. We are positioned to immediately expand our reach and impact and prepare for future growth.

ANNUAL REVENUE SINCE CAWST WAS FOUNDED, ACTUAL AND PROJECTED



We grew our revenue by 71% in 2012, by 11% in 2013 and target to grow another 43%, to \$5.7 million in 2014. We plan to maintain this level for 2015, with a slight drop due to the end of our Canadian government grant.

BUDGET 2013-2018 (MILLIONS)



CAWST's total operating costs for 2014-2016 are currently budgeted at \$17.2 million, of which we have raised 70%. We have \$5.3 million to be raised for all three years, of which \$941,000 is to be raised for 2014. By 2018, it is forecast that CAWST will require \$7.3 million in annual revenue to meet growing demand for our services, with no funding committed at this time.

We are focused on developing an institutional funding model that provides more reliable, sustained revenue over time. We will increase our efforts toward: working with our WET Centre partners and clients to help them to self-fund; increasing our earned revenue stream; attracting larger government, foundation and NGO funders; and expanding our traditional base of individual, corporate and community supporters with longer-term commitments.

PEOPLE

MEMBERS

CAWST is accountable to its members, who act as the CAWST equivalent to shareholders in a publicly-traded company. We now have more than 3,100 members worldwide, who have the right to elect CAWST's Board of Directors at our annual meeting (in-person or through online voting). Members play a crucial role in CAWST's overall governance strategy. Membership is free to anyone who supports the vision and mission of CAWST.

BOARD OF DIRECTORS

CAWST's Board of Directors is comprised of dedicated and experienced current and former CEOs, executives, and consultants. Board members volunteer their time and expertise to ensure CAWST adopts and maintains organizational best practices. Their oversight has been invaluable during our current phase of ambitious growth.

The Board Members are:

David O'Brien, Chair	Evan Hazell ✱
Shauna Curry	Terry McCoy ✧
Ken Bagan ✱ +	Greta Raymond ✧
David Boone ✱	Chris Read ✱
Shawn Cornett ✧	Roger Smith ✧
Camille Dow Baker	Ora Zabloski +

✱ -- Member of the Finance, Audit and Risk Management Committee

✧ -- Member of the Human Resources Committee

+ -- Member of the Governance Committee

The Board Chair and CEO are ex officio members of all Board Committees

Katherine van Kooy is also a member at large of the Governance Committee.

CAWST would like to thank retiring Board member Valerie Yankey-Wayne for her five years serving on the Board, contributing her experience with United Nations and in international development.

STAFF

Our reach of 9.3 million people with safe water or sanitation over 13 years is largely a reflection of the calibre of CAWST's staff. In 2014, CAWST staff grew from 20 to 35 employees. Creating a tremendous new team to deliver and strengthen CAWST's services. Our expertise and capability has increased across the organization, in particular in water and sanitation, research, education program development, and online technology development.

CAWST's 35 staff members hail from 11 different countries, speak 17 languages and have worked in 95 different countries. Collectively they have three PhDs and 17 Master's degrees from world-class institutions such as Cambridge, Cranfield, Harvard and MIT.

ASSOCIATES

Associates are individuals who know CAWST well (typically, they are former CAWST staff or longtime volunteers) and who now work with us on a consulting contract. The use of associates provides us with access to additional specific expertise, reduces our liability and increases our financial flexibility. CAWST currently has seven associates providing the full time equivalent of four staff in our Research Learning, Education Program Development and Training and Consulting departments.

PEOPLE



INTERNS

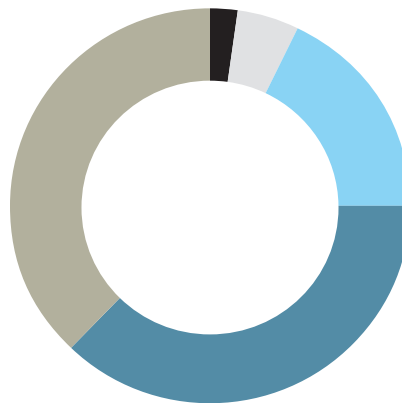
In 2013, CAWST formalized our volunteer internship program and, as of 2014, we are now able to offer both paid and volunteer internship opportunities. The purpose is to assist young professionals to gain experience in the sector and receive mentorship from CAWST, while contributing to our plans and priorities. Over the past year, we have had a total of three interns (two in Research Learning and one in Training and Consulting), providing the full time equivalent of one staff.

VOLUNTEERS

Volunteers enthusiastically join our cause, contributing across our organization and making our team even stronger. In 2013, over 8,300 volunteer hours (equivalent to four full-time employees) were donated to CAWST by 116 people. This is an increase of 25% from last year and includes volunteer hours contributed by staff and Board members.

DONORS

Over 400 individuals, community groups, businesses, foundations and government institutions donated \$4 million to CAWST in 2013 (see Donors pages 26-28). We thank every single donor for their support and commitment; each one is a part of our collective impact.



2013 DONATIONS BY \$

38%	Government
37%	Individuals
18%	Companies
5%	Community Group
2%	Earned Revenue

A SPECIAL THANK YOU

DONORS

FOR YOUR MULTI-YEAR STRATEGIC INVESTMENTS IN CAWST

*Thank you for investing in CAWST as an organization.
You enable us to be entrepreneurial, take risks and allocate
our resources where the need is greatest.*

David O'Brien -- for your long-standing commitment to CAWST since 2004; and your most recent investment to 2017.

Talisman Energy Inc. -- for your investment in CAWST over the past five years.

...and to all of you listed on the pages that follow for believing in CAWST and our cause.

FOR YOUR INVESTMENT IN CAWST INITIATIVES

WET Centre

Thank you for helping us launch the WET Centre program in 2009, and expand it 2012-2015.

**Government of Canada, Department of
Foreign Affairs, Trade and Development (DFATD,
formerly CIDA)**
Talisman Energy Inc.
Rotary Club of Calgary
Soroptimist International of Calgary

Virtual WET Centre

*Thank you for enabling us to launch the Virtual WET Centre
in 2013 and expand it in 2014.*

Cisco Foundation
Suncor Energy Foundation

Research Learning

*Thank you for contributing to our action research in Nepal
and Peru.*

International Development Research Centre (IDRC)
Reed Elsevier Environmental Challenge
Dubai EXPO 2020

Youth Wavemakers

*Thank you for supporting our work to create global citizens.
Our Youth Wavemakers' are taking action on local and global
water issues.*

Suncor Energy Foundation
RBC Foundation - Blue Water Project
City of Calgary
T3 (Teri Taylor-Tunski) Fund

VOLUNTEERS

Jeremy Dehn -- for doing an amazing job of re-formatting, editing and updating the Wavemakers Action Guide.

Marc Forget -- for continuing to volunteer his time and expertise to CAWST in addition to serving as an associate.

Samantha Hans -- for summarizing the Youth Wavemakers year-end results and working on other Wavemakers projects.

Marc Labbé and Aimé Pingi -- for going above and beyond as volunteer French translators. Your willingness to help, your dedication and your attention to detail have been invaluable.

Christine O'Grady -- for the development of Drinking Water Quality Testing materials, World Water Day, the Mayor's Environmental Expo, Wavemakers workshops and preparing lessons for the Lesson Plan Database.

Emilio Retamale -- for helping us put the finishing touches on our new office space ahead of our office warming event.

...and to our community of more than 100 volunteers who continue to contribute so much time, effort and expertise in support of CAWST.

IN-KIND CONTRIBUTORS

Computer Modelling Group -- for donating computer and networking equipment to help keep our support systems running smoothly.

Ivrnet -- for providing web developer expertise in support of our Virtual WET Centre program.

JB Digital -- for tirelessly supporting, on tight deadline, our myriad printing needs for events, educational resources and our annual report.

Western Sky Creative -- for continuing to provide amazing design services for our annual report.

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Allied Water Integration Ltd.
Anglican Parish of Christ Church
Calgary
Banded Peak School
Barrick Gold Corporation
Belich Family Fund
Bellartisan Inc.
Bishop Grandin High School
Blakes Cassels and Graydon LLP
Blessed Cardinal Newman School
Byler Foundation
Calgary Foundation
Canada Helps
Catherine E. Heimbach Professional
Corporation
Catholic Women's League of Canada
Cenovus Energy Inc.
Cenovus Employee Foundation
Church of St. Laurence
Cindy Johnson Royer Fund at the
Calgary Foundation
Cisco Foundation
City of Calgary
ConocoPhillips Canada
Coventry Hills School
Department of Foreign Affairs, Trade &
Development (DFATD, formerly CIDA)
D.R. Ashford Fund at the Calgary
Foundation
Doug and Nancy Craig Fund at the
Calgary Foundation

Dr. Glenn D. Gould Professional
Corporation
EnCana Cares Foundation
Enerplus
Environmental Resources Management
EON Foundation
Father Lacombe High School
First Calgary Financial
Gilbert Paterson Middle School
Gordon Willmon Family Fund at the
Calgary Foundation
Hettinga Leong International
Humanitarian Fund
Holy Nativity Anglican Church
Hope 2 Opportunity
Husky Energy
Institute for Sustainable Energy,
Environment and Economy Student
Association (ISEEESA)
Jack and Audrey Holmes Fund
John and Elsie Collins Foundation
KPMG Management Services LP
Mardon Fund at the Calgary Foundation
Nexen Energy, a CNOOC Limited Company
Norton Rose Fulbright Canada LLP
Pareto Foundation
Petroleum Joint Venture Association
Place2Give Foundation
Ptarmigan Fund at the Calgary
Foundation
RBC Foundation – Blue Water Project
RBC Foundation
Religious Society of Friends (Quakers
Canada)
Rideau Park Elementary and Junior
High School
Robert Thirsk High School
Rotary Club of Calgary
Rubicon Fund at the Calgary
Foundation
Seaver Family Fund of Tides Canada
Foundation
S.M. Blair Family Foundation
Sadec Family Fund at the Calgary
Foundation
Smith Vanstokkom Foundation
Sorooptimist International of Calgary
Springbank Community High School
Sproule Associates Limited
St. Mary's University College
St. Gerard's Church Calgary
St. Martin's Anglican Church
St. Matthew School
St. Paul's Anglican Church
Stoney-Tundra Limited
Sunbold Ltd.
Suncor Energy Foundation
Symcor Inc.

T3 (Teri Taylor-Tunski) Fund
Talisman Energy Inc.
The Tao Foundation
Trident Exploration
United Way of Calgary and Area –
Donor Choice Program
Western Canada High School
Wine Collective Inc.

FINANCIAL INFORMATION

December 31, 2013, with comparative information for 2012.

Presented below is unaudited condensed financial information for CAWST.

The latest audited financial statements can be found here: www.cawst.org/auditedfinancials.

	December 31, 2013	December 31, 2012
Assets		
Current Assets:		
Cash and Cash Equivalents	\$2,294,000	\$ 1,239,000
Term Deposits	\$6,757,000	\$377,000
Accounts Receivable	\$38,000	\$7,000
Government Sales Tax Receivable	\$6,000	\$5,000
Prepaid Expenses	\$100,000	\$22,000
	\$9,195,000	\$1,650,000
Term Deposits	\$1,000,000	-
Property and Equipment	\$37,000	\$65,000
Total Assets	\$10,232,000	\$1,715,000
Liabilities and Net Assets		
Current Liabilities:		
Accounts Payable and Accrued Liabilities	\$155,000	\$97,000
Government Payroll Tax Payable	\$14,000	\$12,000
Deferred Contributions	\$2,854,000	\$814,000
	\$3,023,000	\$923,000
Deferred Contributions	\$6,022,000	-
	\$9,045,000	
Net Assets	\$1,187,000	\$792,000
Total Liabilities and Net Assets	\$10,232,000	\$1,715,000

STATEMENT OF OPERATIONS

Year ended December 31, 2013, and 2012

	2013	2012
Revenues:		
Donations	\$2,432,000	\$2,034,000
DFATD Grant	\$1,467,000	\$1,459,000
Interest Income	\$42,000	\$4,000
Training Courses	\$19,000	\$57,000
Project Consulting	-	\$3,000
	\$3,960,000	\$3,557,000
Expenses:		
Water Expertise and Training Centres	\$814,000	\$1,093,000
Salary and Benefits; Consulting	\$1,972,000	\$1,868,000
Travel	\$281,000	\$237,000
General Administration	\$215,000	\$169,000
Rent and Utilities	\$141,000	\$93,000
Loss on Sale of Marketable Shares	\$42,000	\$5,000
Materials and Laboratory Supplies	\$29,000	\$21,000
Professional Fees; Training and Conferences	\$40,000	\$37,000
Depreciation	\$31,000	\$16,000
	\$3,565,000	\$3,539,000
Excess of Revenues Over Expenses	\$395,000	\$18,000

OUR GLOBAL REACH

CAWST's products and services have been accessed by clients in more than 150 countries, either directly through CAWST, through CAWST's WET Centre network or through our online Virtual WET Centre.



Map legend

- WET Centres (Afghanistan, Cambodia, Ethiopia, Haiti, Honduras, Lao PDR, Nepal, Zambia) and clients served by the WET Centres
- Implementing clients who are served directly by CAWST
- Virtual WET Centre clients who have accessed our online resources, such as our WASH Resources website featuring more than 1,000 WASH resources available for download
- Countries home to both implementing clients and Virtual WET Centre clients