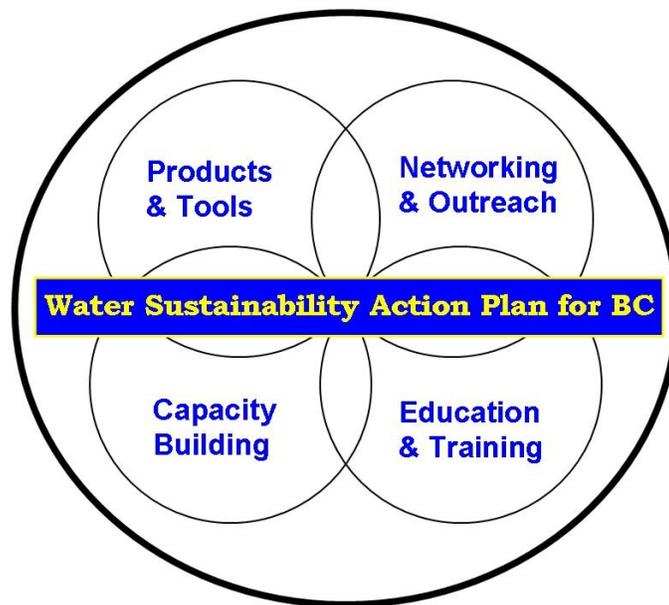




**the partnership  
for water sustainability in bc**

# 2014 Annual Report



**December 2014**

For adoption at the Annual General Meeting held at 12:00pm on December 9, 2013  
at the Delta Ocean Pointe Resort Hotel, Victoria, BC

# Partnership for Water Sustainability in British Columbia

---

2014 Annual Report



## President's Perspective

### Convening for Action

Another year has gone quickly and the Partnership for Water Sustainability has taken on a number of initiatives in our fourth year of operation. The Annual General Meeting in Richmond 2013 was a modest success and we are trying the same format in Victoria for 2014. This has led to the workshop being held jointly with the Irrigation Industry Association of British Columbia and titled:

***“Convening for Action on Vancouver Island:  
How Managing Water Now... Will Shape the Future”.***

The workshop will help focus many of the initiatives and strategies started by the Partnership's Convening for Action Program.

***Water Sustainability Act:*** After 10 years of collaboration the Province has finally passed the new Water Sustainability Act. The Partnership sent out an e-blast to our 1500-plus subscribers informing them of the new act as part of our collaboration efforts with the Province of BC.

The Partnership sends out an e-blast on a weekly basis, keeping our members informed on latest and most interesting water sustainability topics of the day.

***Water Balance Model Express for Landowners:*** The WBM Express was launched late last year and is now operational for two communities, Cowichan Valley Regional District and the District of North Vancouver.

A number of other communities are in the process of getting “connected” to the model, with the City of Surrey taking the lead on incorporating a Google Maps capability.

***Across Canada Workshop Series:*** Interest across the country in the Water Balance Methodology has also enabled the Partnership to deliver the ***Across Canada Workshop Series on Resilient Rainwater Management: Adapting to a Changing Climate.***

The series proceeded during the October-November period, with stops in Calgary, Toronto, Ottawa, Montreal and Halifax. These one-day workshops were funded by the Intact Insurance Foundation through the Climate Change Adaptation Project at the University of Waterloo; and were attended by close to 300 participants.

# Partnership for Water Sustainability in British Columbia

---

## 2014 Annual Report

**Agricultural Water Demand Model:** The Partnership has entered into a three year agreement with the Ministry of Agriculture to continue to deliver the Agriculture Water Demand Model (AWDM) program. This past year the South Thompson, Cariboo, Shuswap portion of North Okanagan Regional District and Gulf Islands had land use inventories conducted and will be connected to the AWDM over the winter.

The Partnership also entered into an agreement with the Okanagan Basin Water Board to resurvey the Okanagan Valley. North Okanagan and Central Okanagan Regional district were completed in 2014 and the Regional District of the Okanagan Similkameen will be completed in 2015.

**Tools and Initiatives:** In 2014, the work of the Partnership also encompassed:

- Convening for Action on Vancouver Island and other Georgia Basin locales
- Inter-Regional Education Initiative on Vancouver Island and Metro Vancouver
- Water Conservation Calculator Upgrades
- Drainage Screening Tool
- Upgrades to the Water Balance Model
- Waterbucket.ca website

A summary of the various *Initiatives and Tools* that the Partnership is involved with is presented on the last page of this Annual Report.

**A Look Ahead:** The Partnership will continue to implement the *Water Sustainability Action Plan for British Columbia* in 2015; and will look for new opportunities and activities that can help us celebrate our successes. Success can only be accomplished through the integration of efforts of practitioners, including our many partners in the provincial government, local governments and non-profit societies.

On behalf of the Directors, I thank the many partners that have helped us through the past year and look forward to working with you all in the year to come. Our successes are only possible with your support and efforts. I also wish to thank our leadership team: Kim Stephens (our Executive Director), Richard Boase, Eric Bonham, Glen Brown, Raymond Fung, Peter Law, Tim Pringle, Mike Tanner and Derek Richmond.

An initiative of the Partnership in the coming years is to integrate young, energetic professionals with a vision towards water sustainability. We encourage those who read this Annual Report to contact any of our leadership team members with ideas on how young professionals can be integrated into the society.

Ted van der Gulik  
President  
Partnership for Water Sustainability  
December 2014



# Partnership for Water Sustainability in British Columbia

## 2014 Annual Report



## Report from the Treasurer

Incorporated as a not-for-profit society under the Societies Act of BC, the Partnership:

- has two principal sources of income: grants and Water Balance Model annual subscription fees;
- relies on the substantial in-kind contributions by members and partner organizations to develop tools and deliver programs; and
- has minimal overhead expenses and is initiative-oriented, with revenue and expenses tracked by initiative or project.

In addition to our General Account, the Partnership has initiated funding for seven projects and/or initiatives. All are tracked under the Financial Accounting System. For the fiscal year ending on **August 31, 2014** revenues and expenses are tabulated below:

	REVENUE	EXPENSES	BALANCE FOR FISCAL YEAR
General Account	\$9,295.03	\$3,902.01	\$5,393.02
Water Balance Model	\$16,500.00	\$38,829.73	<b>-\$22,329.73</b>
Convening for Action in BC	\$78,000.00	\$63,280.28	\$14,719.72
Waterbucket.ca Website	\$0.00	\$1,130.28	<b>-\$1,130.36</b>
Ag Water Demand Model	\$207,190.00	\$143,101.72	\$64,088.28
Water Conservation Calculator	\$10,000	\$15,425.69	<b>-\$5,425.69</b>
Across Canada Workshop Series	\$37,500.00	\$16,620.05	\$20,879.95
Small Contracts	\$2000.00	\$2,065.00	<b>-\$65.00</b>

### Footnotes to the Financial Statement:

1. For items in the table above where Fiscal 2014 expenses exceed revenue, the differences were in fact funded by the carry-over from Fiscal 2013.
2. The bank balance of the society carried forward from Fiscal 2014 into Fiscal 2015 is \$298,996.56.
  - a. The year-end bank balance has increased compared to ~\$240,000 in 2013 because of new funding received for projects listed above.
  - b. However, most of this funding is committed through established work plans.
  - c. Ongoing plus additional contracts to be completed and/or executed in Fiscal 2015 are expected to draw down the bank balance during the upcoming year.
3. The Executive Director is engaged by the society under two or more contracts to develop and deliver the society's outreach and education program.

Mike Tanner,  
Treasurer  
Partnership for Water Sustainability in BC  
December 2014

A handwritten signature in blue ink that reads 'Mike Tanner'.

# Partnership for Water Sustainability in British Columbia

2014 Annual Report



## Report from the Executive Director

### Develop Tools and Talent; Focus on Outcomes

Throughout the past year, the Partnership has celebrated the 10<sup>th</sup> anniversary of the *Water Sustainability Action for British Columbia*, released in February 2004. This is a significant and noteworthy milestone. The 10<sup>th</sup> anniversary has provided us with the reason to reflect on our *raison d'être* and to look ahead to define a path forward for the next 10 years.

**Looking Back:** The Partnership is responsible for delivering the Action Plan through collaboration and alignment of efforts at the provincial, regional and local scales:

- **Our Vision:** In 2003, we set out to create a partnership umbrella for implementing demonstration projects and initiatives in the local government setting. Desired outcomes included: 1) establish precedents; 2) build confidence; and 3) inform provincial policy through the 'top-down & bottom-up' shared responsibility model.
- **Our Mission:** Early success established credibility with the Province and local governments. This has allowed the Partnership to develop tools, develop talent and focus on outcomes. It has also allowed the Partnership to show leadership in bringing local governments together so that they can share and learn from each other.

**Looking Ahead:** Tools, talent and outcomes go hand-in-hand. To achieve affordable and effective outcomes, future leaders will need to be equipped with the tools and experience that will enable them to make informed decisions.

In view of the demographic shift that is taking place in society, and that is characterized by a loss of institutional memory, the Partnership's leadership team is committed to a bridging and mentoring role over the next decade. We are here to guide. Ongoing transfer of knowledge... from those who were key players or leaders in past processes or initiatives... is essential if there is to be continuity and consistency of understanding.

Over the past year, we have been encouraged by the emergence of a generation that we anticipate will be the future leadership in local government. They represent planning, engineering and environmental management. These future leaders are 30-something, and are predominantly women. They are keen to learn, they collaborate and share, and they are passionate about "making a difference".

In closing, the Partnership takes this opportunity to announce that in 2015 we will be celebrating the 10<sup>th</sup> anniversaries of the launch of the *Convening for Action in British Columbia* and *waterbucket.ca website* initiatives. Stay tuned!

Kim A. Stephens,  
Executive Director  
Partnership for Water Sustainability in BC  
December 2014





## Report from the Membership Chair

### Categories of Membership

The graphic below represents the "Membership funnel" where the Board encourages "inclusivity" of all stakeholders in water sustainability, from those non-paying members at the top of the funnel, to the paying members who play an active role in developing tools and educational materials, to Board members who set direction for the society.



The Partnership's three categories of membership, the associated annual fees, and voting privileges (or not) are listed as follows:

1	Individual	Free	Non-Voting
2	Professional	\$100 per year	Voting
3	Organization (corporate)	\$250 per year	Voting

# Partnership for Water Sustainability in British Columbia

2014 Annual Report

## About the Membership Categories

Briefly:

- **INDIVIDUAL (non-voting):** Anyone with an interest in water sustainability or green infrastructure can join as a non-voting member just by going to [waterbucket.ca](http://waterbucket.ca) and registering online. Since September 2012, over 280 individuals have signed up.
- **PROFESSIONAL (voting):** This category is for individuals who wish to “make a difference” and play a hands-role in contributing to the Partnership’s mission. There are 10 members in this category.
- **ORGANIZATION (voting):** This category currently totals 22 organizations local governments and consultants that are Water Balance Model (WBM) Partners and Subscribers, respectively.

In addition to the three categories of membership above, the Partnership has two other categories: **Lifetime Members (6)** and **Champion Supporters (20)**.

- **CHAMPION SUPPORTERS:** This designation recognizes agencies and organizations that provide substantial financial and/or in-kind support that in turn enables the Partnership to develop tools and deliver programs under the umbrella of *the Water Sustainability Action Plan for British Columbia*.

In 2014, the Partnership presented a framed “letter of recognition” to both the City of Coquitlam and City of North Vancouver.

Stories about the Champion Supporters are posted on the [waterbucket.ca](http://waterbucket.ca) website at: <http://waterbucket.ca/cfa/category/partnership-for-water-sustainability-in-bc/champion-supporters/>

## Elections to the Board

At the 2015 Annual General Meeting, there will be an election of members to fill two (2) Director positions on the Partnership’s Board. *Professional* members, who have submitted a notice for nomination, are posted on page 8. Directors are elected for a 3-year term.

Peter Law  
Membership Chair  
Partnership for Water Sustainability  
December 2014



# Partnership for Water Sustainability in British Columbia

2014 Annual Report



## Report from the Chair of CAVI-Convening for Action on Vancouver Island

### Inter-Regional Collaboration & A Vision for Vancouver Island

CAVI has had another successful year through collaboration among its regional groups. Each region has had its own specific challenges and has come through with some remarkable solutions to some of the ongoing problems.

The concept of learning and sharing – now embodied in the “IREI”, the acronym for *Inter-Regional Education Initiative* – has adapted well to the transition from the earlier equivalent of the 'Learning Lunch Series'. It has been an amazing year of cross-fertilization amongst the different regions and in many cases the acquisition of solutions to issues has been greatly accelerated by this process. In 2014 there were five IREI inter-regional collaboration sessions.

Region	Date	Theme	Venue
Metro Vancouver	Jan 23	<i>Watershed Plan Effectiveness</i>	Victoria
Capital Region	Mar 28	<i>Water Quality Assessment</i>	Victoria
Cowichan Valley	May 27	<i>Adapt to a Changing Climate</i>	Ladysmith
Comox Valley	Jun 25	<i>Sustainable Service Delivery</i>	Courtenay
Nanaimo Region	Sept 26	<i>Sustainable Partnerships</i>	Nanaimo

Since the launch of CAVI in 2006, the primary focus has been information sharing and education. The depth of experience within the CAVI group has enabled it to intuitively know what works and why. However, a watershed moment came in 2010 / 2011 as a response to a request from the development community for (more) tangible deliverables and a shift towards 'action'. This transition has been instrumental in dialogue around the initiative launched in 2013 and branded as **VI2065: The Vision for Vancouver Island in 50 Years**.

It is hoped that while CAVI continues to build on its success through inter-regional sharing and dialogue, we will also be able to move that success to another level. To a large extent, success has been based on collaboration within each of the CAVI regions. By building on the essential concept of thinking and planning on a watershed basis, timing is right to integrate and expand this concept as the foundation of the 'vision' for Vancouver Island.

Derek Richmond  
CAVI Chair  
Partnership for Water Sustainability  
December 2014



# Partnership for Water Sustainability in British Columbia

2014 Annual Report

## Nominees for 2015 Board of Directors (2 positions)



**TIM PRINGLE** was the founding Executive Director of the Real Estate Foundation of BC, and served in that capacity for 20 years. “A number of creative and experienced volunteers direct the work of the Partnership and help implement its programs,” says Tim. “I am privileged to work with them and to be able to pursue my passion to see BC communities adopt a more integrated approach to stewardship of land and water. The Partnership’s goal is to help communities implement designing with nature strategies as a basic step to managing settlement change in balance with ecology makes perfect sense.”



**DEREK RICHMOND** retired from the City of Courtenay in 2013. He has served as Chair of CAVI-Convening for Action on Vancouver Island since 2011. “My passion for water resources and the environment has been with me from an early age. As a practitioner with more than 40 years in engineering and environmental issues, I am fortunate to have been involved in a wide variety of projects and initiatives across Canada, and in the USA and the UK. I see an opportunity to apply experience gained during my career to the visioning that will help steer us in the right direction to maintain water resources in balance with ecology, economy and education,” says Derek.

## Current Directors (4 positions)



**RICHARD BOASE** is the District of North Vancouver’s Environmental Protection Officer. Richard is also Co-Chair of the Water Balance Model initiative. “Getting involved in the Partnership was simply the right thing to do,” reflects Richard. “This belief is what drives my personal commitment to fulfilling my own ecological and sustainable vision. Our water is the most precious commodity on the planet. Through the Partnership, I saw a way of contributing and making a difference to sustain this resource, which is a right for all, in a way that appealed to me immensely.”



**PETER LAW** retired from the Ministry of Environment after 33 years of service. Peter Law chaired the inter-governmental steering committee that was responsible for *Stormwater Planning: A Guidebook for British Columbia*, released in 2002. “The Guidebook is standing the test of time because the foundation material is science-based. And now the Partnership is going ‘Beyond the Guidebook’ to provide local governments and others with the tools and understanding necessary to integrate the Site with the Watershed and the Stream,” says Peter.



**MIKE TANNER** is Chair of the Waterbucket Website. He retired as a Senior Manager with BC Hydro’s Power Smart Program. “Recognizing a need for a single point of access to news, information and tools for sustainable water management in BC, we launched the waterbucket.ca website in 2005,” says Mike. “By providing universal access to information, we believe we will continue to see ever-improving standards of practice in all aspects of land development and water resource management.”



**TED VAN DER GULIK** is chair of the Water Balance Model initiative and also led the Agriculture Water Demand Project initiative for the Province. In February 2014, he retired from the Ministry of Agriculture after 35 years of service as the Senior Engineer in the Sustainable Agriculture Management Branch in Abbotsford. “The Water Balance Model was the driving force behind the formation of the Partnership and continues to provide a strong link to the other projects that have been initiated,” says Ted.

# Partnership for Water Sustainability in British Columbia

2014 Annual Report

## A Selection of Initiatives and Tools

<p><b>Convening for Action in BC</b></p> <p><a href="http://www.conveningforaction.ca">www.conveningforaction.ca</a></p>	<p>This is the ‘convening for action’ mantra: <i>When we gather; it is for a purpose. There must be an action item or an outcome.</i> Committed to achieving settlement in balance with ecology and economy, the grass-roots collective partnership approach is founded upon collaboration. It reaches across boundaries. It brings together those who plan and regulate land use (local government) those who build (developers) and those who provide the legislative framework (the Province).</p> <p>This collaborative model results in the provision of expertise and support to local governments and organizations with a focus on achieving water sustainability through the sharing of ideas and success stories based upon a common vision.</p>
<p><b>Georgia Basin Inter-Regional Education Initiative</b></p> <p><a href="http://www.vancouverislandwater.ca">www.vancouverislandwater.ca</a></p>	<p>Launched in 2012, the <i>Inter-Regional Educational Initiative for ‘Rainwater Management in a Watershed Sustainability Context’</i> provides the framework for consistent messaging and consistent application of tools and understanding. The ‘proof of approach’ was successfully implemented in 2012 on Vancouver Island.</p> <p>Now, the Metro Vancouver region and four largest Vancouver Island regional districts are collaborating to advance elements of a performance monitoring framework that can be used to adjust actions and inform land use planning that maintains healthy streams.</p>
<p><b>Beyond the Guidebook Primer Series</b></p>	<p>With release of <i>Stormwater Planning: A Guidebook for British Columbia</i> in 2002, BC was the first province or state in North America to adopt the Water Balance Methodology. This enables local governments to establish performance targets for land use. The goal is to protect watershed and stream health.</p> <p>The “Beyond the Guidebook Primer Series” is adding depth to specific aspects of the Guidebook. The goal is to inform and educate infrastructure, land use and environmental professionals about core concepts related to implementing actions at the site scale that will achieve desired outcomes at the watershed scale.</p>
<p><b>Water Balance Model for BC</b></p> <p><a href="http://www.waterbalance.ca">www.waterbalance.ca</a></p>	<p>Developed in 2003 as an extension of <i>Stormwater Planning: A Guidebook for BC</i>, the <i>Water Balance Model</i> is a web-based tool for doing scenario comparisons. It links the site to the watershed and stream. It helps communities establish performance targets and ‘design with nature’ so that land development mimics the water balance. The model is tailored to multiple levels of users who have a wide range of technical backgrounds, from hydrology experts to stewardship groups.</p>
<p><b>Waterbucket Website</b></p> <p><a href="http://www.waterbucket.ca">www.waterbucket.ca</a></p>	<p>Recognizing a need for a single point of access to news, information and tools for sustainable water management in BC, the waterbucket.ca website was launched in 2005. The site supports an array of virtual “communities of interest” with features that resemble those of a real community as well as a growing library of information resources on the BC experience and it houses “Made in BC” tools and experience.</p>
<p><b>Water Conservation Calculator</b></p> <p><a href="http://www.waterconservationcalculator.ca">www.waterconservationcalculator.ca</a></p>	<p>Designed for use by small to mid-size communities, the <i>Water Conservation Calculator</i> is a free, web-based decision-support tool. It is used to illustrate how specific water conservation measures can yield both fiscal and physical water savings for communities. It can be used to assist communities in meeting the conditional requirements of provincial capital grant programs while meeting both local and provincial commitments to water sustainability.</p>