



Newsletter June 2014

FROM THE SECRETARY'S DESK
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BCGWA Website address: www.bcgwa.org BCGWA e.mail address: secretary.bcgwa@shaw.ca

Dear Members:

I will start off with a groundwater term. "Well" what a time we had at Canwell 2014.

To start it off on day one, I drove through a hail storm at the summit of the Connector just before heading down into Kelowna with a chilly temperature of 1 degree. This made me think of the Canwell Golfers out on the course and wondered how they were making out in the weather.

After a quick check in at the Grand we got on the bus to head to the Course. Upon our arrival we found the gang had a dry, warm, but breezy session in the valley down there and everyone had a great day. Typical BC for you as they say "here you can Ski in the morning and Golf in the afternoon".

The Canwell show was great and we had a nice turnout of Trades booths and rigs as well as some nice golden oldies on display which made for some nice chatting sessions for anyone interested in drilling or just old stuff in general.

Shaw TV has an office in Prospera Center and we caught their attention with all the goings on and rigs etc. When asked if they could do a short show we jumped at the chance. Bruce Ingimundson was an instant movie star with a great explanation of the event and the reason behind the importance of Groundwater Associations and they even got Red Williams (who stayed calm and did not turn Red) on TV with the oldest rig I ever saw. A cool looking unit picked up in Saskatchewan and worked on for many hours to restore it for all to enjoy.

The speakers were well received at the lunches and there were many interesting talks with lots of choices to the interesting sessions to fill the days.

The spousal tours were enjoyed as well such as wine, boating, and Kettle Valley Railroad trips with fair to great weather during the week.

The speaker at the Banquet was Adam Kreek, an Olympic rower from Vancouver Island who shared his interesting tales of adventure of crossing the Atlantic in a row boat. As well, all in attendance got to hold and rub a bit of luck off his Gold Medal he brought along for us to drool over. Being the best in the world at something must have been a thrill as just sharing the medal was an honour.

To come to a close, the band, Duelling Piano's played mostly to requested songs and the dancing went on until last call.

Thanks to all who were in attendance and a special thanks to the trades' people, without you this success could not have been accomplished. Please acknowledge with a big thank you, those members and BCGWA Staff who you may know that put a lot of time and effort into this excellent event.

I wish you all a busy and prosperous summer and keep your masts up and your pumps running.

Bill Tuytel
President, BCGWA

Our key-note speaker, Adam Kreek won a gold medal at the Olympic's in Beijing in 2008. During his talk, Adam kindly passed his medal along for everyone to hold, rub (for good luck) and wear. Here is Bruce Ingimundson trying it on. We were surprised at how heavy it was.

Have you Heard?

Good News!

In an email from Diane Evans, Manager Industrial Relations, Industry Training Authority (ITA) that on April 29th, 2014: The following motion was passed by the ITA Standards Committee:

'Be it resolved that ITA Standards and Review Committee approve the creation of three new programs as follows':

- Geotechnical/Environmental Driller
- Well Pump Installer
- Geoexchange Driller



Thank you Volunteers

To make a convention run smoothly we always appreciate the help from our volunteers. I would like to thank the "crew" that came into the office to help with mailing out the convention packages and working with registrations. Thanks to Kathy Lamont, Elaine Sharpe, Mary Chorm, Karen Tuytel and Fumi Walsh.

At the show we had help from Darren Lundrigan, Kathy Lamont, Karen Tuytel and Pina Allard. Bruce Ingimundson and Remi Allard were kept very busy with the meetings and introductions and Bill Tuytel was a good anchor man.

A special thanks goes to Ron Nelson who made sure all of the audio/visual was the way we wanted it. The Skype presentation turned out to be especially challenging but Ron pulled it off. Ron was a blur most of the time as he darted from room to room. Everything was great Ron. I also really appreciate the video that you put together for me at the Banquet. Too cute!

And last but not least I want to thank Debbie Lamont who was a great help before and during the convention. She helped with signs, registration and the regular office "get ready for the convention" kind of stuff! Thanks Debbie.

You will be seeing more of Debbie in the next few years. She has taken over the position of Executive Secretary as I step down. After 40 years with the B.C. Ground Water Association, 21 years as a volunteer and 19 years as Secretary, I have decided it is time to retire. It has been a pleasure meeting all of you, talking over the phone with you and working with you. I will miss you. This is a wonderful Association and a very interesting and important industry. Good luck to all of the Companies that are members of this great organization. Let's keep working hard to make it even stronger. On another high note I have already been asked to the 2015 Convention being held in Kelowna next March so I really haven't fallen very far from the tree. Good luck to all of you.

Joan Perry
BCGWA
Secretary

MANAGING DIRECTOR'S REPORT

Did we upstage CanWell 2004, well I think so! CanWell 2014 was a highly successful event and for those of you that were able to attend I am sure you would agree. I have lost count of the number of people who attended who said it was a great show, especially from those out-of-province (and US) attendees. One complement that stood out was how diverse CanWell 2014 was and how diverse our organization is when compared to other provincial organizations, reflecting how diverse the groundwater industry is.

During CanWell 2014 we held an "open forum" on the possible future of a new national groundwater association in Canada. We had a turnout of approximately 60 people. We have created a list of attendee comments, which you will find elsewhere in this Newsletter – it makes for interesting reading.

Recently the Industry Training Authority (ITA) formally recognized the Geotechnical/Environmental Driller, Well Pump Installer and Geo-Thermal Driller as official trades in BC. Our contractor North Pacific Training & Performance Inc., working with the respective trade representatives (BCGWA & GXBC volunteers known as Subject Matter Experts - SME's) are nearing the final completion of the trade specific program plans and examinations. We owe a huge debt of thanks to the BC Ministry of Environment for providing a \$30,000 grant to move this work forward. Also kudos to Diane Evans, Manager of the ITA Program Standards, for her support of our industry association's needs and effectively moving our application through their approval process. The ITA Challenge Program (candidate experience assessment and examination) should be up and running this summer. Applicants will apply on-line at the ITA web site and if their application meets proven hands-on trade experience, the exam can be written at any BC Government Service Centre in the province. For those who wish some technical training, our next step is to create training workshops and programs that we can offer industry members who wish to become ITA certified. Following ITA Certification the successful candidate can then apply for MOE Registration to receive their "ticket" as Qualified trades persons in BC.

Following our election of officers at our AGM an interesting dilemma arose. The BCGWA Bylaws state clearly (Article 1.2 & 1.3) that Full Members of a registered business association or other entity (i.e. government agency etc.) will have one vote per registered membership on matters pertaining to the BCGWA, such as at the AGM or other times as deemed necessary by the Executive. The Bylaw further states that Associate Members will not be entitled to a vote under all circumstances. As our volunteers retire or cut their costs, more are opting to change their membership from Full Membership to Associate Member. As a result our slate of elected candidates (see Minutes of the 2014 AGM) had some positions filled by Associate Members. This is not normally an issue except in the case of our Executive. The Executive Committee is composed of five members purposely to permit a deciding vote (cast by the President) should a motion result in a 2x2 deadlock. Therefore all Executive members must be Full Members. For the following year we have juggled some Full Members & Associate Members to create the following interim Executive Committee for the upcoming year until our next AGM (Kelowna in March 2015) as follows:

President: Bill Tuytel (Rep. for Downrite Drilling Ltd.)

Vice President: Blaine Matuga (Rep. for Central Interior Pumps Ltd.)

Secretary: Ron Nelson (Rep. for Precision Service and Pumps)

Treasurer: Remi Allard (Rep. for Piteau Associates Engineering Ltd.)

Director-at-Large: Rick Cronin (Rep. for GroundForce GeoDrilling Solutions)

NOTE: WE REQUEST WHEN COMPLETING YOUR NEW (2014-2015) MEMBERSHIP THAT EACH COMPANY OR GOVERNMENT AGENCY APPLYING FOR A FULL MEMBERSHIP PLEASE IDENTIFY THEIR REPRESENTATIVE AS THE ACTIVE CONTACT PERSON. THE DESIGNATED REPRESENTATIVE MAY NOT NECESSARILY BE THE EXECUTIVE OFFICER (PRESIDENT ETC.) OF THE COMPANY.

Bruce Ingimundson,
Managing Director

Langley **Welding & Machine Shop Ltd.**

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CanWell 2014

A big Thank You to all of the people who attended CanWell and helped make our show a success.

The M&S Division was amazing. We had trade show booths attending from B.C., Alberta, Manitoba, Ontario, Washington, Minnesota, South Dakota, Colorado, Arizona, Oklahoma, Iowa, Texas, Wisconsin, Illinois, Tennessee, Pennsylvania, Indiana, North Carolina, Texas and Florida.

A.O. Smith Water Systems	International Pipe
Acker Drill Company Inc.	Jet-Lube of Canada, Ltd.
Andrew Sheret Limited	Karlington Artificial Lift
Aries Industries, Inc.	Lackner McLennan Insurance-Ward Watkins Insurance
Atlas Copco Mining & Rock Excavation Technique	Laibe Corp./Versa-Drill
Atlas Manufacturing Ltd.	Langley Welding & Machine Shop Ltd.
Baroid Industrial Drilling Products	Maass Midwest Mfg., Inc.
Bilfinger Water Technologies Inc.	Merrill Manufacturing Co.
Boshart Industries/Flomatic	Ministry of Environment
Caro Analytical Services	Oak Environmental Inc.
C B Suppliers Ltd.	Pentair
CETCO	Pinnacle Drilling Products
Cubex Limited	Precision Service & Pumps Inc.
Design Water	Premier Silica LLC
Di-Corp	Pump Systems Inc.
Dominion Pipe & Piling	Red Deer College
Dynamic Supply Ltd.	Reichdrill, Inc.
Enerwest Geothermal Ltd.	Rock Tools Mitsubishi
Equipco Ltd.	RST Instruments Ltd.
Flexcon Industries	Schramm, Inc.
Foundex Explorations Ltd.	Shannon & Wilson
Franklin Electric	Talik Industrial Services Inc.
GEFCO	Tundra Sales Inc.
Gen Pro Energy Solutions	United Rentals Pump Solutions
GeoExchange BC	Uponor Infra Ltd.
Goulds Water Technology	Variperm Canada Ltd.
GroundTech Solutions Ltd.	Wellmate by Pentair
Ground Water Canada	Western Drilling Tools Inc.
Grundfos	WILO Canada Inc.
Home Plus Products Inc, Wholesale Division	World Wide Drilling Resource
Hose solutions, Inc.	Woodford Manufacturing

The rig display was also a very big part of the event. There were four large rigs on display from:

Atlas Copco Mining & Rock Excavation Technique
Diedrich Drill, Inc.
Foremost Industries
Ingram Well & Pump

In addition, we had 3 vintage rigs on display. Technology has certainly advanced since these rigs were working in the field. Thank you to those companies who found a way to bring this equipment to the show:

Cariboo Water Wells Ltd.
Peters Well Drilling Ltd.
Red Williams Well Drilling Ltd.

Silver sponsors –

We would also like to thank our Silver sponsors. These companies were able to give our show a real boost by making a generous financial commitment. Thank you:

Pentair
Franklin Electric
Goulds Water Technology

Also, thank you to our “function” sponsorships:

Coffee -

Cariboo Water Wells Ltd.
Summit Environmental Consultants Ltd.

Wine and cheese reception and wine at the President’s Banquet -

Atlas Copco Mining & Rock Excavation Technique

Continental Breakfasts –

Cubex Limited, Calgary
Drillwell Enterprises (1982) Ltd.
Merrill Mfg. Co.

Cocktail napkins –

Flexcon Industries

And thank you for the donations from:

Langley Welding & Machine Shop Ltd.
Piteau Associates Engineering Ltd.





Golf is always a great way to start a CanWell show and we would like to thank Remi and Pina Allard for putting the golf tournament together and choosing such a beautiful course for the game to be held. After a day on the links we finished off the evening with a wonderful buffet dinner. Our main sponsors for this event were:

Grundfos Canada Inc.
Variperm Canada Inc.

Also, thank you to the hole sponsors:

AE/Summit
Delta Irrigation Ltd.
Drillwell Enterprises (1982) Ltd.
Flexcon Industries
Foremost Industries
Foundex Explorations Ltd.
Franklin Electric
Golder Associates Ltd.
Golf Town
Goulds

Hester Creek Winery
Johnson Screens
Pentair Water
Piteau Associates Engineering Ltd.
Precision Service & Pumps
Pump Systems Inc.
The Harvest Golf Club
Water Management Resources
Western Drilling Tools Inc.



CanWell 2014 – Challenge

In 2004 we were lucky enough to meet Ryan Hreljac, a 13 year old boy who at the age of 6, wanted to drill a well in Uganda. That is how Ryan's Well Foundation began and since that time the Foundation has completed over 878 water projects and 1,120 latrines and provided access to safe water, improved sanitation and offered hygiene education to 823,328 people.

At CanWell, we were excited to have Ryan back and talking to us through a Skype presentation. (Thanks to Ron Nelson for arranging this). It was so great to see Ryan "all grown up" and telling us what was happening with the foundation and the growth that has taken place in the last 10 years.

We received some donations after the presentation but we would like to ask all of you to challenge others and send in your donation to Ryan's Well. The B.C. Ground Water Association will match all donations. (Up to \$1,000) Please send your donations to the BCGWA office and we will make sure that you receive a receipt from The Ryan's Well Foundation.

Notes from the Open Forum on the possible formation of a new *Canadian National Groundwater Association held at CanWell 2014, June 12**

**The term "new Canadian" refers to a fictional organization that might be created in the future to replace the defunct Canadian Ground Water Association (CGWA).*

The following notes were created from attendees comments at the meeting and do not identify the speaker nor are the comments noted the opinion of the BCGWA or any other organization.

GENERAL COMMENTS

What role would the new Canadian play now that certification by them is not required in BC or possibly the remaining provinces?

What would be the name for the new association?

A new Canadian would be useful to lobby the federal government for grants. A new Canadian should have a different operational format from the CGWA.

There is a need to have a national organization to tie the provincial groundwater organizations together for the betterment of all in the groundwater industry nationwide.

What were the short comings of the CGWA and what was the reason for its demise and how could things be done differently?

Response (1):

- CGWA failed not due to shortcomings, but rather the involvement in a project that went sour.
- Provinces need to place more input into a new Canadian association. Ideally provincial presidents could be board members.
- In house meetings are very expensive due to travel costs – remember Canada is 6000 km wide.
- Start with discussions on what the provincial organizations would like in a new Canadian, start small.
- A new Canadian could be upgraded from before rather than just following what was done in the past.

Response (2);

- Each province should have a Director on the new Canadian board.
- Major tasks could be reviewed nationally and would require a meeting involving all provincial directors.
- Individual provinces should take on tasks where possible rather than everything being handled by a new Canadian organization.

Response (3);

- The governance structure of the CGWA was too cumbersome, the CGWA had had too many Directors
- CGWA went from 30 to 9 or 10 Directors.
- In the CGWA structure it was Impossible to make quick decisions.
- The provincial groundwater associations must have a strong desire to create a new Canadian to make this work or we are barking up the wrong tree.

Continuing Education Units (CEU) may be lost totally if we do not create a new Canadian. CEU are important to keep up with technical changes in our industry.

New, different organizers are needed to create a new Canadian. The CGWA was focusing on money more than issues. More attention is needed to focus on federal grants to help support the new Canadian.

Comments ranged from not much to a lot of money would be required from each province to create the beginnings of a new Canadian.

A committee should firstly set up an acceptable framework for a new Canadian prior to estimating funds to create it.

The CGWA died through a legal and subsequent bankruptcy action, not due to the structure and operation of the original organization. Why change something that worked?

We cannot easily access any CGWA documents etc. as all their information is now sealed in the bankruptcy procedure. Any information desired would need to be purchased from the bankruptcy receiver. Our choice would be to start over or purchase all the existing files from the receiver and re-create the CGWA in its old or a new organizational format.

We should move forward with the creation of a new Canadian while the CGWA framework is still in the minds of former members.

The terms for any new Canadian directors should be longer than two years. CGWA directors barely got to know each other or the tasks before their term was over. Suggest we form a group of 6 people to explore how to form a new Canadian and report back to each provincial organization.

If we don't form a national organization the federal government may have some wild ideas that would impact our industry. A new Canadian would show there is an informed and integrated group of people out there with a belief that a national group is important.

Red Deer College Report:

- Offers courses in the groundwater industry trades to Alberta and other provinces.
- Alberta has a limited number potential trainees so it makes sense to combine training of persons from other provinces to come to Red Deer instead of only Albertans.
- Pool trainees from the four western provinces to study at Red Deer College.

Following the discussion the chairperson called for a show of hands to vote to support or not support the formation of a new Canadian groundwater organization. An estimated total of approximately 60 people attended the discussion and an estimated 90% of those who attended supported creation of a new Canadian organization. Editor's note: the majority of the persons attending the session were from BC.



Job Posting

EDS Pumps & Water Treatment Ltd.

Are you looking for a challenging career in a growing industry? EDS Pumps & Water Treatment Ltd. has been servicing customers in BC for over 50 years. We are a leader in the industry with a well established customer base.

We are looking for someone to join our team as a Full-time Pump & Water Treatment Technician. The right individual should have a minimum of 3 years electrical, plumbing, water treatment or pump experience. Have good mechanical reasoning skills, be reliable, clean cut, personable, able to work alone and customer service oriented. Must have a valid BC driver's license and a clean driving record, speak/write English fluently. Some training will be provided. Benefits, group insurance and dental plan available after 3 months probationary period.

Please email copy of cover letter, resume and references to water@edspumps.com. Drop ins will not be interviewed.

Upcoming Events –

Oak Environmental training course
Critical Thinking in the Interpretation of
Aquifer Tests by Christopher Neville
Calgary, November 21, 2014
Contact: Frank Magdich
Ph: 403-250-9810
frank@oakenviro.com

NGWA Expo '14
Las Vegas, Nevada
December 9 – 12, 2014
Ph: 800-551-7379 or 614-898-7791
ngwa@ngwa.org

Groundwater Video

The video from the American Water Works Association is still available to borrow from the office. If anyone is interested in showing it at a high school or to educate employees of city water utilities that use groundwater as a source, please contact the office. "Groundwater" provides a basic understanding of aquifer geology/design and operation of water wells/treatment to remove contaminants/long-term groundwater management for the future. It runs for 21 minutes.

Groundwater Model

We have also purchased a ground water model which may be borrowed by any member. This is a great way to demonstrate the various aquifers that are drilled through. This has been used in classrooms, fairs and workshops etc. Please contact the office if this is something you wish to borrow.
