

## SCADA & IT Technology Transfer Session

Capitalizing on the success of our Whistler 2008 Seminar, our SCADA & IT Committee strategized and promoted a technical transfer program that reflected the thoughts of the delegates, to build on a 'basics of SCADA' theme. Therefore, this year's SCADA & IT Technology Transfer session held at the BCWWA AGM on April 29, 2009 in Penticton was appropriately themed 'SCADA 201 for Water and Wastewater.'

The SCADA 201 for Water and Wastewater Transfer session sought to educate operators, managers and engineers on the second series of 'the basics of SCADA,' including a testimonial from the Township of Langley. This year, we also invited our friendly law enforcement, the RCMP, to enlighten us on ways to secure your municipal infrastructure. Again, we were graced by our return speaker (dressed in


pink) and traveling all the way from Tel Aviv, Israel to provide a presentation on wireless SCADA solutions. During the breaks, the SCADA 201 session was also complemented with networking opportunities from our committee members and fellow municipal employees.

Some of the topics covered included:

1. Municipal Infrastructure Security and Vulnerability Management
2. Introduction to Wireless Technologies
3. Project Management of a SCADA System Upgrade
4. SCADA System Performance: Diagnostics and Preventative Maintenance
5. Real-time Business Applications of Enterprise Data Historians

This year, we also provided an information package that included a checklist questionnaire entitled 'Do You Need a SCADA System' for those municipalities that are thinking of installing a new SCADA system or upgrading an existing one.

We acknowledge our speakers Dan Ehrenreich (Motorola Israel), Tom Dunn (Dayton & Knight Ltd.), Dean Henley (OSIsoft), Antigone-Dixon Warren and Timo Siira (Township of Langley) and Tom Ellis (RCMP).

The Technical Transfer session was very well received and we were delighted to be hosting the session in Penticton. In fact, preliminary comments from our delegates indicated that there may well be a 'SCADA 301' session for the 2010 Conference in Whistler. Watch for the announcements. 



## The 2009 Penticton Forum: Showcasing partnerships, collaboration, innovation and integration

By Glen Brown and Kim A. Stephens, Water Sustainability Committee

The BCWWA Water Sustainability Committee organized the Penticton Forum in collaboration with the Okanagan Basin Water Board and three provincial Ministries, namely: Community Development, Agriculture & Lands, and Environment. The Forum attracted over 60 participants from communities around the province, including a contingent of Okanagan elected representatives.

### Forum overview

At the Penticton Forum, we showcased three regions where communities are 'convening for action' and embracing a 'regional team approach' to make a difference. Each regional initiative is developing a vision and road map to change the way that land is developed and water is used. Each is responding to this challenge:

**How do we align our efforts at three scales – provincial, regional and local – to do business differently, prepare communities for change, and choose to be water smart?**

We also showcased web-based provincial tools that have been developed to help communities achieve water sustainability through truly green development. These tools include the Water Bucket Website, Water Balance Model, Water Conservation Calculator, Irrigation Scheduling Calculator, Irrigation Water Demand Model, and Okanagan Irrigation Management Tool.

The Penticton Forum program comprised four modules built around the **Creating our Future** theme:

### Smart Planning & Living Water Smart:

Approaches And Tools For Doing Business Differently In BC

- A. Creating Our Future:  
What do we want British Columbia to look like?
- B. Doing Business Differently:  
Convening for action in the Okanagan
- C. Doing Business Differently:  
Convening for action in the Georgia Basin
- D. Facilitating Our Future:  
The Natural City vision

**Build a vision, create a legacy**

We showcased how partnerships, collaboration, innovation and integration are helping local governments in three regions make the best choices for living water smart:

**This is what we want to achieve, and this is how we will get there.**

The Penticton Forum is an important milestone in advancing a regional team approach that aligns local actions with provincial goals for the common good.

**'Build a Vision, Create a Legacy' means...**

- Apply a science-based approach to create a shared vision of **achievable goals**
- Facilitate a **participatory decision process** to build stakeholder consensus and agree on expectations
- Obtain **commitment from everyone** to truly integrate water management with land development practices

**Working Together – Encompassing Communities**

The conference theme was Working Together – Encompassing Communities. So, we invited Patrick Condon and Vic Derman, two respected British Columbians, to share their sustainability visions with Forum participants. Both were compelling in addressing this question:

**What do we want British Columbia to look like in 50 years and beyond?**


Patrick Condon is the driving force behind the Design Centre for Sustainability at the University of BC; he was provocative in kicking-off the Forum with a call to action. Councillor Vic Derman, Vice-Chair of the Capital Region Water Commission, was equally rousing in closing the Forum with his Natural City vision for a paradigm-shift in urban design.

**Town Hall Sharing Sessions**

Each module included an audience interaction segment that we conducted as a **Town Hall Sharing Session**. Three statements capture the essence of what we heard from participants:

- **I am here to save the planet.**
- **I will lead from where I stand.**
- **I will be bold and take risks.**

**The challenge: what will you do differently after today?**

We challenged participants to apply what they learned at the Penticton Forum; and to make 'green choices' that will ripple through time, and will be cumulative in creating liveable communities, reducing wasteful water use, and protecting stream health. Viewed in this context, the success of the Penticton Forum will ultimately be measured by what was set in motion on April 29. 



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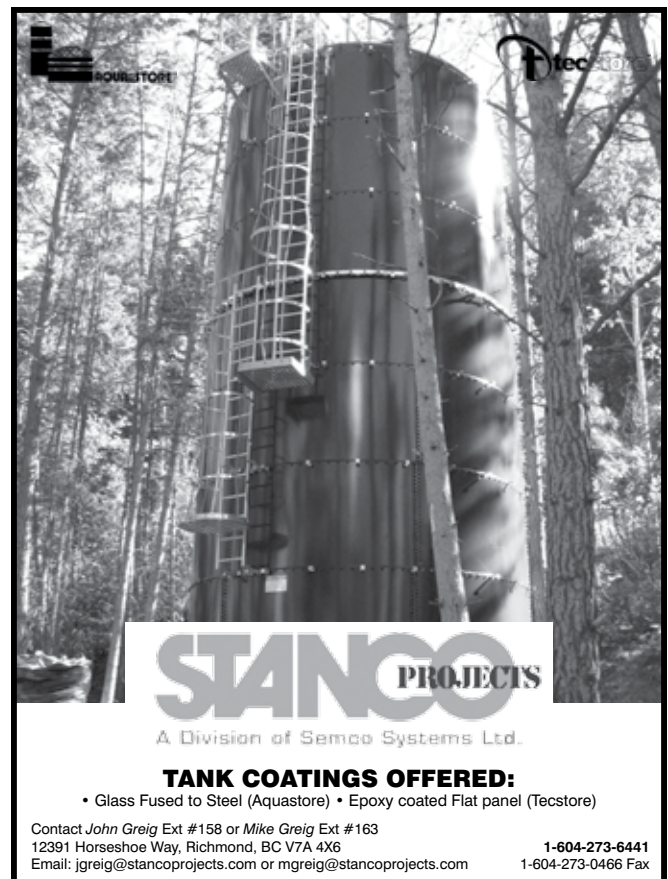
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1-604-273-0466 Fax