

UTILITIES COMMITTEE

REGULAR MEETING

Thursday, April 4, 2013

9:00 am

2nd Floor Boardroom, 4330 Kingsway, Burnaby, British Columbia

AGENDA¹

1. ADOPTION OF THE AGENDA

1.1 April 4, 2013 Regular Meeting Agenda

That the Utilities Committee adopt the agenda for its regular meeting scheduled for April 4, 2013 as circulated.

2. ADOPTION OF THE MINUTES

2.1 February 28, 2013 Regular Meeting Minutes

That the Utilities Committee adopt the minutes of its regular meeting held February 28, 2013 as circulated.

3. DELEGATIONS

3.1 Kim Stephens, The Partnership for Water Sustainability in BC regarding Rainwater Management in a Watershed Sustainability Context

4. INVITED PRESENTATIONS

No items presented.

5. REPORTS FROM COMMITTEE OR STAFF

5.1 Lions Gate Secondary Wastewater Treatment Plant – Project Update

Designated Speaker: Fred Nenninger

That the GVS&DD Board receive for information the report titled *Lions Gate Secondary Wastewater Treatment Plant – Project Update* dated March 15, 2013.

5.2 Amendment – Fraser Sewerage Area Boundary – 24426 102 Avenue, Maple Ridge

Designated Speaker: Inder Singh

That the GVS&DD Board approve the expansion of the Fraser Sewerage Area to include the property located at 24426 102 Avenue in Maple Ridge.

¹ Note: Recommendation is shown under each item, where applicable.
March 27, 2013

5.3 Status of Utilities Capital Expenditures to December 31, 2012

Designated Speaker: Frank Huber

That the Board receive the report titled *Status of Utilities Capital Expenditures to December 31, 2012*, dated March 15, 2013 for information.

5.4 Utilities Committee Consideration of Attendance at 2013 Events

Designated Speaker: Tim Jervis

That the Utilities Committee support attendance at the American Water Works Association Conference in 2013 and recommend attendee(s) to the Board Chair.

5.5 Manager's Report

Designated Speaker: Tim Jervis

That the Utilities Committee receive for information the Manager's Report dated March 27, 2013.

6. INFORMATION ITEMS

6.1 Letter dated March 14, 2013 to Chair Moore and Board from the Partnership for Water Sustainability in BC

7. OTHER BUSINESS

No items presented.

8. RESOLUTION TO CLOSE MEETING

That the Utilities Committee close its regular meeting scheduled for April 4, 2013 pursuant to the *Community Charter* provisions, Section 90 (1) (e) and (k) as follows:

"90 (1) A part of a meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:

(e) the acquisition, disposition or expropriation of land or improvements, if the board or committee considers that disclosure could reasonably be expected to harm the interests of the regional district; and

(k) negotiations and related discussions respecting the proposed provision of a regional district service that are at their preliminary stages and that, in the view of the board or committee, could reasonably be expected to harm the interests of the regional district if they were held in public".

9. ADJOURNMENT/TERMINATION

That the Utilities Committee adjourn/conclude its regular meeting of April 4, 2013.

Membership:

Mussatto, Darrell (C) – North Vancouver City
Stewart, Richard (VC) – Coquitlam
Baldwin, Wayne – White Rock
Brodie, Malcolm – Richmond
Corrigan, Derek – Burnaby

Daykin, Ernie – Maple Ridge
Froese, Jack – Langley Township
Harris, Maria – Electoral Area A
Hepner, Linda – Surrey

Hicks, Robin – North Vancouver District
McEvoy, Jaimie – New Westminster
Panz, Trish – West Vancouver
Stevenson, Tim – Vancouver



DATE: March 25, 2013
TO: Metro Vancouver Utilities Committee
FROM: Kim A Stephens, M.Eng., P.Eng., Executive Director
SUBJECT: **RAINWATER MANAGEMENT IN A WATERSHED SUSTAINABILITY CONTEXT**
Presentation #4 - Reporting out on progress during the Oct 2012-March 2013 period

WHO WE ARE and WHAT WE DO:

- The *Partnership for Water Sustainability in BC* is a not-for-profit society. We are volunteers.
- For the past decade, we have been responsible for delivering the **Water Sustainability Action Plan:**
 - Water sustainability in the local government setting will be achieved by implementing green infrastructure policies and practices. How we get there relies on a change in mind-set and “land ethic”. Our role is to facilitate that change.
- As the “implementation arm” for the **Living Water Smart** and **Green Communities** initiatives:
 - Our areas of responsibility are community development and outreach
 - We are developing decision support tools and local government talent.
- We are integrators. We play a bridging role between the Province, local government and community.

PURPOSE OF UPDATE PRESENTATION:

- Recognize Metro Vancouver as a “Champion Supporter” of the Partnership.
- Foreshadow how collaboration with Vancouver Island local governments will help Metro Vancouver members fulfil the “Minister of Environment’s conditions” for protecting watershed health.

OUR HISTORY WITH THE COMMITTEE PROVIDES CONTEXT:

- September 14, 2011 – We asked for funding for **Water Balance Model Express for Landowners**.
NOTE: This web-based tool will help members fulfil your regulatory requirements pursuant to the Actions listed in the region’s Integrated Liquid Waste and Resource Management Plan (ILWRMP).
A \$50,000 grant from Metro Vancouver leveraged ~\$250,000 in co-funding (i.e. cash + in-kind contributions).
- May 9, 2012 – We introduced the benefits of the **Inter-Regional Education Initiative (IREI) for ‘Rainwater Management in a Watershed Sustainability Context’**.
NOTE: A guiding principle is that IREI program elements will align with local government mandates, priorities and internal work plans. Through sharing, a program goal is to leverage more with the same resources.
To demonstrate how to make inter-regional collaboration tangible, the Partnership and four regional districts implemented a ‘proof of approach’ on Vancouver Island in 2012: they represent 90% of the Island population.
- October 10, 2012 – We asked the Committee to formalize its support for inter-regional collaboration.
NOTE: The Committee passed the following resolution:
THAT the Utilities Committee refer to staff the request from delegate Kim Stephens to collaborate with the Partnership, as it relates to Strategy 3.2 of the Integrated Water Resource Management Plan and opportunities to inform municipal councils about the benefits of sharing and leveraging

MORE ABOUT THE INTER-REGIONAL EDUCATION INITIATIVE:

- The focus is on land use policies and actions that will restore and/or protect Watershed Health:
 - **The Water Balance Goal:** After development or redevelopment, each site will function as it did before, or better!
 - **To Protect Watershed Health:** *“Integrate the Site with the Watershed and the Stream”*
 - The emphasis is on the ‘**how-to**’ details of implementation and integration.
 - Local governments learn from those who are leading by example.
 - Collaboration is the pathway to an outcome-oriented approach to **implementation and integration** within and between regions.
 - Everyone needs to agree on expectations and how all the players will work together, and after that each region and each community can reach its goals in its own way.
 - Collaboration will accelerate affordable and effective outcomes within each region.

- In Metro Vancouver, the spotlight is on a “course correction” in the way *Integrated Stormwater Management Plans* (i.e. “ISMPs”) are developed because: the Minister’s “conditions of approval” link land use planning and watershed health; and the Partnership has drawn attention to the benefits of a paradigm-shift to a “watershed/landscape-based approach” to community development:
 - **From Output-Oriented ISMP:** *“What is the capacity of the conveyance system, and how much will it cost to make the pipes larger?”*
 - **To Outcome-Oriented Watershed Blueprint:** *“What do we want this place to look like in 50 or 100 years, and how will we get there?”*

NOTE: A Watershed Blueprint guides land use planning, views the watershed through an asset management lens, is action-oriented, sets achievable performance targets, provides planners with the level of detail they need to effectively review development applications, identifies opportunities to restore watershed function, and is implemented over decades.

- North Vancouver District’s *Hastings Creek Watershed Blueprint* is provincially significant and precedent-setting because it:
 - shows **how** local governments can implement the “ISMP Course Correction”;
 - demonstrates what a “landscape-based” blueprint approach looks like in practice;
 - illustrates the power of partnerships in leveraging more with the same resources;
 - showcases the application of two web-based tools, namely: the *Drainage Infrastructure Screening Tool*; and the *Water Balance Model Express for Landowners*; and
 - is informing and influencing how other jurisdictions are likely to apply lessons learned.

- In 2013, the Partnership is facilitating an inter-regional collaborative process that will bring together local government representatives from the Metro Vancouver region and four largest Vancouver Island regional districts, as well as representatives from two regional offices of the Ministry of Environment:
 - The theme is Watershed Health → how to measure it and how to monitor progress.
 - The concept is that each of the five regions will host a “sharing and learning” working session → what each is doing, what works and what does not.
 - The desired outcome is inter-regional consensus on a performance monitoring framework that can be used to adjust actions and inform land use planning that maintains healthy streams → a framework that is effective, affordable, adaptable AND involves the stewardship sector.



the partnership for water sustainability in bc

151 - 32500 South Fraser Way, Suite #126, Abbotsford, BC, V2T 4W1

Sent by email: gvrldsec@metrovancover.org

March 14, 2013

Chair Greg Moore and Directors
Metro Vancouver Regional Board

Re: **CHAMPION SUPPORTER OF THE PARTNERSHIP**

We value our long-term relationship with Metro Vancouver and are therefore pleased to inform the Regional Board that Metro Vancouver is hereby deemed to be a **Champion Supporter** of the Partnership for Water Sustainability in British Columbia.

The Champion Supporter designation recognizes both the historical and ongoing contributions of organizations such as Metro Vancouver, without which there would be no Partnership and no assets such as the Water Balance Model (WBM) decision support tool and waterbucket.ca website.

While the Partnership is a not-for-profit society, our voting members mostly represent local governments. Hence, Metro Vancouver's demonstrated commitment to achieving the vision for water sustainability in a local government setting is vitally important to the Partnership's capability to carry out our mission.

A decade ago, Metro Vancouver was a founding partner in the WBM initiative. Over the years, Metro Vancouver has hosted meetings, working sessions and forums organized by the Partnership. More recently, a \$50,000 grant from Metro Vancouver towards the **WBM Express for Landowners** leveraged almost \$250,000 in co-funding. Looking ahead, we anticipate that the Express and related "convening for action" collaborative initiatives will help the region and municipalities better deliver on regulatory compliance pursuant to actions specified in the *Integrated Liquid Waste & Resource Management Plan*.

In closing, please note that we are featuring our Champion Supporters on the Convening for Action Community-of-Interest on the waterbucket.ca website. This is the link:

<http://waterbucket.ca/cfa/category/partnership-for-water-sustainability-in-bc/champion-supporters/>

On behalf of
Partnership for Water Sustainability in BC

Tim Pringle
President
pringle@watersustainabilitybc.ca

Kim A Stephens, M.Eng., P.Eng.,
Executive Director
kstephens@watersustainabilitybc.ca

Cc Mayor Darrell Mussatto, Chair, Utilities Committee dmussatto@cnv.org
Carol Mason, Chief Administrative Officer Carol.Mason@metrovancover.org