

**Fruitvale & District Water Management Committee
Agenda
June 9, 2010 5:00 p.m.
Village of Fruitvale Council Chambers**

Call to Order

Adoption of Agenda

page

Minutes

Errors or Omissions – Regular Meeting Minutes – May 4, 2010	2
Adoption of Minutes – Regular Meeting Minutes – May 4, 2010	2

Delegations –

1. Ron Ozanne, Forestry Manager Atco Wood Products - presentation covering MF program, watershed management, Atco history, logging/ road building plans/ notification, contingency planning, potential invitation to drill a well on Atco lands to assist in volume of water supplied to the Kelly Reservoir, and other mutual interest and concerns.	4
2. Brent Petrick, Kelly Creek Timber Co. Ltd. – presenting information on the Managed Forest Program, regulatory requirements, auditing and specific practices on lands in the Kelly Creek Drainage	4

Reports

1. Water Works Foreman Report	5
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Unfinished Business

1. Water Conservation Vision Statement and Goals	6
2. Copy of correspondence to J MacLean, CAO RDKB re Southern Interior Regional Drinking Water Team's role in protection of Kelly Creek watershed	8

New Business

1. CBT WaterSmart Leak Detection Group RFP	10
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Adjournment

In Camera Meeting to discuss legal matters after regular meeting

Minutes of the Fruitvale & District Water Management Committee meeting held on May 4, 2010 in the Village of Fruitvale Council Chambers.

Members Present:	Chair:	Rick Johnston
	Members:	Ali Grieve
		Larry Gray
		Tabatha Webber
		Jim Peters
Staff Present:	Secretary:	Lila Cresswell
	Recorder:	Melissa Lyle
	WTP Technician:	Glen Grieve

CALL TO ORDER

Chair Rick Johnston called the meeting to order at 5:15 p.m.

ADOPTION OF AGENDA

MOVED / SECONDED

That the agenda of the regular water board meeting held May 4, 2010 be accepted as circulated.

CARRIED

MINUTES

MOVED / SECONDED

That the minutes of the regular water board meeting held April 19, 2010 be adopted as circulated.

CARRIED

DELEGATIONS

None

CORRESPONDENCE

1. Letter from Ron Ozanne, ATCO Wood Products requesting comments on Cutting Permit 211: (Quarry) Proposed Development

Staff was directed to send a letter to ATCO thanking them for their correspondence, the opportunity to comment on forestry plans and inviting ATCO and Kelly Creek Timber to a meeting regarding Cutting Permit 211 among other current issues.

Minutes of the Fruitvale & District Water Management Committee
May 4, 2010
Page 2 of 2

2. Email from WaterSmart Innovations regarding the WSI Conference and Exposition 2010:

THAT the invitation from WaterSmart Innovations regarding the WSI Conference and Exposition 2010 in Las Vegas, Nevada be received.

UNFINISHED BUSINESS

1. Water Conservation Vision and Goals

A discussion followed regarding a vision and goals. The Committee outlined in draft form five, ten and twenty-five year goals to advance the vision. Further action plans and strategies will be developed after review of the draft vision and goals at the next meeting.

A copy of the session is attached and forms part of these minutes.

ADJOURNMENT

MOVED / SECONDED

That the meeting adjourned at 6:18 p.m.

CARRIED

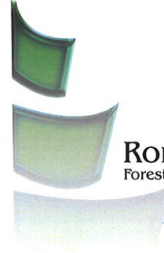
UPCOMING MEETING

The next meeting is scheduled for June 9, 2010 at 5:00 p.m.

Chair

Certified Correct:

Secretary



Ron K. Ozanne, R.P.F.
Forestry Manager

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Water Board Report

Water Works

To: Water Board
From: Glen Grieve
Water Works Foreman
Date: June 3 /2010
Re: **Monthly Report**

Cross Connection

The backflow prevention audit was completed for the business section of the water system The breakdown is as follows:

Service breakdown

½ " - 1
¾" - 31
1" - 1
1 ½ "- 1
2" - 3
2 ½" - 1
3" - 2
4" - 2
TOTAL - 42 business services

Backflow Preventers / Meters

We have started installing the water meters and backflow preventers in the main parks first. There are five 2" services to the main parks, one 1" service, and four ¾" services.

Wells

The level sensor is now in and will be installed as soon as possible.

Fire Protection

The sprinkler system for the water treatment plant has been completed. I used the old recalculating pump and installed the intake ahead of time to reduce cost.

Security Camera

Selkirk Security installed four cameras, two on the building and two at the intake. I am now waiting for the computer to be programmed, currently scheduled for June 7/10.



Water System Vision and Plan

The Committee agreed to have Councillor Gray facilitate the vision and goal setting exercise. The vision as stated is:

Ensuring a future of clean water through conservation and water system improvements

Councillor Gray invited the group to express their opinions on what they would not want to experience for the Water System in 25 years.

WHAT WE DON'T WANT IN 25 YEARS (OR LESS):

Inadequate water (supply or quality)
Broke (financial hardship caused by system costs)
Broken infrastructure
Poor quality water
Wasted water (non productive use)
Restricted or no development
Non-sustaining system
Non-revenue, lack of accountability

Councillor Gray then asked the group to invert the negative expressions and place them into a time line as follows:

5 yrs

- To ensure qualified, certified staff with succession planning in place
- To develop a water leak detection plan
- To establish and begin implementation of a planned incremental rate structure including meter fees, parcel taxes and development charges
- To have 100% water users metered
- To achieve 25% volume reduction in water consumption
- To identify an additional long term water source
- To continue water source protection activities and expand the water source protection plan
- To maintain an active and effective board
- To promote a well engaged, educated and accepting community

10 yrs

- To research and consider development of power generation
- To achieve 90% water accountability
- To finalize infrastructure replacement program
- To develop a source expansion plan (funding, access, etc..)
- To strive for cutting edge status for water use best practices with special focus on development

25 yrs

- To service a potential 30% increase in population
- To have a development cost reserve of \$1.35M (based on an estimated 30% population growth over twenty-five years)
- To bring a new water source online as required

It was agreed that staff would circulate the draft vision statement and goals to board members for feedback and place it on the agenda of the next meeting. It was also agreed that board members would provide feedback to staff immediately so that the statement can be forwarded to Water Smart consultants to assist with developing strategies for the water board.

April 23, 2010

John MacLean
Chief Administrative Officer
Regional District of the Kootenay Boundary
202 – 843 Rossland Avenue
Trail, BC
V1R 4S8

Dear Mr. MacLean,

Re: District boundary adjustment to protect the Kelly Creek watershed

This letter is sent in response to correspondence dated January 28th, 2010 from the Fruitvale and District Water Commission regarding adjusting the Regional District of the Kootenay-Boundary boundary to increase control over land-use activities in the Kelly Creek watershed.

Concern with the lack of influence in land use decisions potentially impacting their community's water source is shared by many local governments across BC. The Southern Interior Regional Drinking Water Team (SI RDWT) recognizes the challenges faced in providing safe drinking water and is committed to working with local governments to support protection of drinking water sources.

The aim of the SI RDWT is for provincial agencies to work collaboratively together to address issues of a strategic nature affecting drinking water that cannot be adequately dealt with through existing individual agency jurisdictions and processes¹. The SI RDWT works with stakeholders to ensure threats to drinking water from land-use are appropriately managed to support the on-going well-being and prosperity of southern interior communities. However, it is important for stakeholders to understand the provincial context of integrated-use watersheds² within which all provincial agencies function.

The SI RDWT role in coordinating drinking water protection between agencies is built upon the existing individual agency mandates. In BC planning for protection of individual sources is typically initiated through source protection planning by water supply systems. This process is supported by the *Drinking Water Protection Act* (DWPA) and *Regulation* and the provincial Source-to-Tap planning tools³. Interior Health is the agency responsible for administration of the DWPA in the southern interior and, as such, is the lead agency for facilitating drinking water protection planning⁴. We encourage you to contact Dan Byron (250-420-2240, dan.byron@InteriorHealth.ca), Drinking Water Officer responsible for this water system, to discuss source protection planning. If any specific threats to the source are

¹ a copy of the SI RDWT protocol can be accessed at http://www.interiorhealth.ca/uploadedFiles/Health_and_Safety/Water_Quality/Drinking_Water/Drinking%20Water%20Protocol.pdf

² Ministry of Community Development (2008). UBCM Watershed Control Resolution (B35) – Provincial Response. Retrieved April 22, 2010, from <http://www.civicnet.bc.ca/resolutions/ResolutionDetail.aspx?id=3372&index=0&year=&no=&resTitle=&spans=&res=watersheds&prov=&fed=&other=&conv=&exec=&comm=&sortCol=year&sortDir=asc>

³ for more information on provincial drinking water protection tools visit [Province of British Columbia - Health Protection](http://www.provinceofbc.ca/health-protection)

⁴ see information on Interior Health's source protection initiatives at <http://www.interiorhealth.ca/health-and-safety.aspx?id=6256>

John MacLean
April 23, 2010

Page 2

identified that cannot be addressed working directly with stakeholders and responsible agencies they can be brought to the SI RDWT for assistance.

Municipal boundary adjustments are the jurisdiction of the Ministry of Community and Rural Development (MCRD). If you have any questions regarding the technical process of boundary adjustments please contact Jeff Nielson (250-387-4006, jeff.nielson@gov.bc.ca), MCRD Senior Planning Analyst. By copy of this letter MCRD has been made aware of your concerns.

Thank you for your interest in protecting drinking water sources. If you have any questions please feel free to contact me at the number or address provided.

Sincerely,



J. Ivor Norlin
Secretariat – Southern Interior Regional Drinking Water Team

cc:

Valerie Cameron – Chair, Southern Interior Regional Drinking Water Team
Elizabeth Sigalet – Interior Health
Shaun Malakoe – Interior Health
Dan Byron – Interior Health
Brent Mueller – MCRD
Jeff Nielson – MCRD
Lila Cresswell – Village of Fruitvale



**Columbia Basin Water Smart
Regional Leak Detection Conference Call: Summary Memo**

What is the Columbia Basin Water Smart Initiative?

Domestic water consumption is increasingly being identified as a critical issue for Basin communities, and in order to address it, water conservation measures are required. *Columbia Basin Water Smart* is a regional water conservation program that provides support to participating Regional Districts and Municipalities to address their local water conservation needs.

Water Smart will aim to achieve a 20 per cent reduction gross community water consumption in participating communities by 2015.

The goal of Water Smart is to provide capacity and support to communities in the Canadian Columbia Basin to:

- Achieve an appropriate **community-specific water conservation target** that contributes to CBT's goal of a 20 per cent reduction in gross community water consumption by 2015; and
- address water conservation at a community level by developing water conservation tools and networks; providing technical expertise to determine local targets; and creating unique Water Smart Action Plans for each participating community.

Participating communities will have the opportunity to access the **Water Smart Toolkit**, become part of the **Water Smart Network** and sign onto the **Water Smart Charter**.

The Water Smart Network will connect communities and experts to learn, collaborate, and share knowledge and information on water conservation.

A Regional Approach to Leak Detection

As one of the first initiatives of the Water Smart Network, the possibility of a collaborative regional approach to leak detection has been raised. On May 27, 2010, CBT's Water Smart Team hosted a conference call with staff and elected officials from 11 potentially interested communities. Based on this call, it has been determined that there is significant potential to develop and issue a multi-community RFP for leak detection services.

The primary short-term benefits of this approach are:

- Increased competition among contractors given multiple projects; and
- Reduced costs due to economies of scale between communities (estimate 10-20% savings).

The longer-term benefits are also significant:

- By demonstrating a proactive approach to leak detection and repair in the "municipal house", local governments effectively model responsible water conservation action for their constituents. This approach can build the legitimacy of, and constituent support for, future implementation of residential and commercial water conservation measures at the local level; and
- The opportunity for intergovernmental capacity building on leak detection as a result of this collaborative approach is significant. Even the simple process of getting together on a single call has been useful in expanding the level of knowledge about leak detection within Basin Communities.

What is the proposed approach?

It is proposed that multiple communities submit a single, joint RFP for leak detection services. Staff at the Town of Creston have committed to support development of draft terms of reference to the RFP. The draft RFP will be circulated among all interested communities for the inclusion of locally specific information re: pipe type, length, # of valves etc..., and for approval at the local level. The draft RFP will also include proponent selection criteria.

Once the RFP has been approved by participating communities, it will be circulated via BC Bid and Civic Info, among others, and then a team of 3-4 from the among the participating communities will review the proposals and award the contract based on the agreed upon selection criteria.

Each community will be fully responsible for administering their local project, including logistics and contract payment directly to the successful contractor.

What if our community is not ready to do leak detection on 2010?

The RFP will also include a mechanism by which the successful contractor could “lock in” a price for 2011 assuming that a minimum number of communities are participating. This approach will attempt to secure similar cost efficiencies for communities that are not quite ready to go this year.

What does leak detection cost?

As a rule of thumb, \$0.50/m should be a reasonable working figure. However, for each community, this figure will be dependant on the pipe length and type, and on the number of valves and their spacing, among other factors. For those communities that may not have 2010 budgets for leak detection but wish to participate in 2010 nevertheless, the figure of \$0.50/m may be used to estimate the approximate cost for leak detection services.

What is the Role of CBT in this process?

Working closely with participating communities, CBT’s Water Smart team will support the coordination of this innovative and collaborative approach, but CBT cannot commit funds to the physical work in each community.

Which Communities are Participating?

While participation in this regionally collaborative remains, in some cases, contingent upon Council/Board approval and budget allocation, at this time the following communities have expressed an interest in pursuing the process:

Yes (or Maybe) for 2010	Yes or Maybe for 2011
<ul style="list-style-type: none">▪ Creston▪ Trail (Maybe)▪ Castlegar▪ Salmo▪ RDCK – Erikson (Maybe)▪ Fruitvale	<ul style="list-style-type: none">▪ Kaslo▪ Trail (if not in 2010)▪ RDEK – Edgewater (if none or part in 2010)

Questions?

Call 250.688.1150 or email watersmart@thinkbright.ca

Meredith Hamstead, CBT Water Smart Coordinator