



FONVCA AGENDA

THURSDAY July 16th 2009

Place: DNV Hall 355 W. Queens Rd V7N 2K6

Time: 7:00-9:00pm

Chair: Brian Platts – Edgemont C.A.

Tel: 604-985-5104

Regrets:

1. Order/content of Agenda

2. Adoption of Minutes of June 18th

<http://www.fonvca.org/agendas/jul2009/minutes-jun2009.pdf>

3. Old Business

3.1 OCP Roundtable – Updates

4. Correspondence Issues

4.1 Business arising from 3 regular emails:

4.2 Non-Posted letters – 0 this period

5. New Business

Council and other District issues.

5.1 DCC's Explained

<http://www.dnv.org/upload/documents/finance/dcc.htm>

5.2 Rainbarrel Economics revisited.

The feast or famine of nature is explained.

<http://santafereview.com/review1.1.html>

To quote John McCarthy, a mathematician at Stanford University: "He who refuses to do arithmetic is doomed to talk nonsense". The June 18/2001 DNV report by R.O. Huffman, concluded **they are not cost effective**, taking 500-1000 years to pay back.

<http://www.fonvca.org/agendas/jul2009/rain-barrel.pdf>

This should appropriately address the contrasting view of articles published in the May 28/2009 NorthshoreOutlook by Maria Spitale-Leisk. Some bad ideas never die.

PS. There is no chloramine in GVRD water – after an extensive public participation process in 1994 chlorine, although more expensive, was instead chosen.

5.3 Thesis: Global Warming is Man-Made

<http://livinggreen.info/LvGnGblWarmgIPCCRpt.pdf>

<http://www.aip.org/history/climate/co2.htm>

http://www.whrc.org/resources/online_publications/warmin_g_earth/scientific_evidence.htm

<http://climate.noaa.gov/education/pdfs/ClimateLiteracyPoster-8.5x11-March09FinalLR.pdf>

<http://ourchangingclimate.wordpress.com/2008/05/21/scientific-debate-and-the-media/>

5.4 2008 Annual Reports

District of North Vancouver:

<http://www.dnv.org/article.asp?a=4493>

and 2009-2011 Corporate Business Plan at

http://www.dnv.org/upload/documents/Council_Presentation/CorpPlan09.pdf and 2009-2013 draft financial plan can be found (no direct link) at

<http://www.dnv.org/article.asp?c=1021&a=4037>

and the Natural Steps Action Plan at

<http://www.dnv.org/upload/pdocsdocuments/ptwl01!.pdf>

City of North Vancouver:

<http://www.cnv.org/attach/2009%2007%2006PM2008MunReport.pdf>

West Vancouver:

http://www.westvancouver.net/uploadedFiles/Your_Government/Financial_Information/Reports/Annual_Reports/2008%20Annual%20Report%204web.pdf

Maple Ridge:

http://www.mapleridge.ca/assets/Default/Finance/pdfs/Annual-Reports/annual_report08.pdf

Richmond:

<http://www.richmond.ca/cityhall/finance/reporting/reports.htm>

Pitt Meadows:

<http://www.pittmeadows.bc.ca/EN/topnav/whatsnew/46236.html>

Some interesting graphs are available at

<http://www.fonvca.org/agendas/jul2009/2008-annual-report/>

6. Any Other Business

6.1 Legal Issues

Fighting City Hall when Council exceeds its authority by considering matters not in the OCP/Zoning.

<http://www2.canada.com/surreynow/news/story.html?id=0d8f633b-ccd7-40be-8530-5f72344512ec>

- BC Supreme Court ruling by Justice Janice Dillon at...

<http://www.canlii.org/en/bc/bcsc/doc/2009/2009bcsc719/2009bcsc719.html>

6.2 Any Other Issues (2 min each)

7. Chair & Date of next meeting.

Thursday August 20th 2009 or September 17th?

Attachments

-List of Email to FONVCA - **ONLY NEW ENTRIES**

OUTSTANDING COUNCIL ITEMS-Cat Regulation Bylaw; District-wide OCP; Review of Zoning Bylaw; Securing of vehicle load bylaw; Snow removal for single family homes bylaw.

Correspondence/Subject Ordered by Date
15 June 2009 → 12 July 2009

LINK	SUBJECT
http://www.fonvca.org/letters/2009/15jun-to/Corrie_Kost_15jun2009.pdf	Registration requirements of FONVCA for DNV
http://www.fonvca.org/letters/2009/15jun-to/Wendy_Qureshi_24jun2009.pdf	Putting cart before the horse – breach of democratic process
http://www.fonvca.org/letters/2009/15jun-to/Wendy_Qureshi_11jul2009.pdf	CNV issue: 14 storey tower issue

For details/history see

<http://www.fonvca.org/letters/index-letters-total-jun2009.html>

FONVCA

Minutes June 18th 2009

Attendees

Diana Belhouse (Notes)	Save Our Shores
Dan Ellis	Lynn Valley C.A.
Val Moller	Lions Gate N.A.
John Gilmour	Lynn Valley C.A.
John Hunter	Seymour C.A.
Corrie Kost	Edgemont C.A.
K'Nud Hille	Norgate Park C.A.
Eric G. Andersen (Chair)	Blueridge C.A.

The meeting was called to order at 7:05 PM
Regrets: Paul Tubb – Pemberton Hts. C.A.
Lyle Craver – Mt. Fromme R.A.

1. ORDER / CONTENT OF AGENDA

Adoption of May 21st minutes (Agenda Item 2.) was moved by Dan, seconded by Val and carried.

Added items:

6.2a Diverse issues by Corrie Kost

6.2b Pesticides by Don Hunter

Agenda item 5.3 was moved to head of schedule

5.3 Strategic Planning by NV RCMP

Media Relations Officer (Marlene) 604-983-7433

<http://www.fonvca.org/agendas/may2009/Strategic%20Plan%20of%20the%20North%20Vancouver%20RCMP.pdf>

1. What should be the priorities for the North Vancouver RCMP?

- traffic enforcement (speeders)
- COLA Housing Allowance so officers can afford to live in NV (based on cost of each specific community)
- Lynn Valley Town Centre Community Policing Office to be a min-detachment (as promised)
- At present there are only 3 community officers for all CPP's (need 2 in each)

2. What are we doing right at the present time?

-Block Watch

-There is a desire to track the origin of all calls so RCMP can track where resources are being expended.

3. What services would you like to see continued?

- Community events. Community Services, Youth intervention unit.
- Desire for more honesty and openness – eg. Taser incident a airport.

4. Are there any programs or services we should discontinue?

- If any – urged that there be community consultation before any decisions are made.

5. How can we improve?

- improved co-ordination with West Van

- greater presence of officers to discourage “Dial-A-Dope”, etc.
- Foot patrols (as in some Ontario cities). It was stated that RCMP do this in summer on Lower Lonsdale.
- Need more RCMP coverage in Seymour area.

Marlene thanked FONVCA members for their input.

Regular Agenda resumes...

3. OLD BUSINESS

3.1 OCP Roundtable – appointment of FONVCA recommendation (Corrie) as well as Dan Ellis were accepted. Both were congratulated for their appointment to the Roundtable Steering Committee. A second public meeting is scheduled:

“Our People,” to take place Saturday, June 20, from 1 p.m. to 4 p.m. at Norgate Elementary School (1295 Sowden Street). This session will look at our demographics, cultural diversity, local economy, and rate of growth, recognizing that our people are an important resource and also contribute to our unique identity as a community.

Bring your thoughts on:

- Who are we planning for?
- How are our demographics changing?
- What kind of growth can we anticipate into the future?
- How can we encourage a resilient and sustainable local economy in the District?
- A third meeting is set for July 25th at North Shore Winter Club.

See <http://identity.dnv.org/> and particularly <http://identity.dnv.org/article.asp?c=1079>

A new section has been added to the FONVCA web site. Dan mentioned that answers to questions such as “Who can live here?” and “How much growth do we want?”, along with questions of density, were important.

3.2 Update on LV Olympic Celebrations

<http://www.fonvca.org/agendas/jun2009/Olympic-Celebrations-Planning-June-16th.pdf> - Dan

Ellis / John Gilmour.

Torch Relay – set for Feb 10/2010- with details to be announced several weeks after the torch initially arrives in Vancouver. See

www.vancouver2010.com

There was a call for more volunteers to assist in Lynn Valley celebrations. To sign-up simply email spiritvolunteers@yahoo.ca

The North Shore Credit Union is now an official corporate sponsor. Group has hired an events

coordinator – there will be a large LED screen mounted on a trailer – events during the week to include Black Bear Band – all to be in Lynn Valley Centre Plaza.

John Gilmour left meeting at close of this agenda item.

4. CORRESPONDENCE ISSUES

4.1 Business arising from 6 regular e-mails

Nothing to report on this item.

4.2 Non-posted letters – 0 this period.

5. NEW BUSINESS

Council and other District Issues

5.1 OCP, Local Area Plans, Neighbourhoods: Diversity vs. Conformity & Sum vs. Parts

- Strong network of neighbourhoods
- Community driven growth and change

See also “Text Revisions” on page 4 of

http://www.nanaimo.ca/UploadedFilesPath/Site_Structure/Corporate_Services/Corporate_Administration/2008_Committee_Minutes/PNAC080506M.pdf

and contrarily in section “Plan Precedence” on page 5 of http://www.richmond.ca/_shared/assets/mclennan563.pdf

and also at

<http://www.coquitlam.ca/Business/Developing+Coquitlam/Strategic+Plans/Citywide+Official+Community+Plan.htm>

This conflict/uncertainty must be resolved/clarified BEFORE a new District wide OCP is drafted. The public deserves clarity on this issue in order to choose wisely.

A useful overview of OCP’s is available at

<http://www.wcel.org/issues/water/bcgwlp/o22-4.shtml>

A useful overview (although somewhat dated) of the concepts of Smart Growth and Local Government Law are found at

<http://www.wcel.org/wcelpub/2001/13300.pdf>
<http://www.wcel.org/issues/urban/sbg/case.pdf>

We (public and FONVCA) need clarification from council on precedence of existing neighbourhood and local area plans. It was noted that the courts only invalidate such plans if there is a “direct conflict” between the OCP and a bylaw.

The DNV Draft Strategic Plan exists, but according to John Hunter, the public is not allowed to review it. This document was formulated by Staff and Council – being the future of the Corporation and its staff. On

the other hand, the OCP is the future as formulated by its citizens.

5.2 West Kelowna Strategic Priorities 2009

A concise example of strategic priorities...

<http://www.districtofwestside.ca/docs/Strategic%20Priorities/Strategic%20Priorities%202009.pdf>

No further discussion.

6. ANY OTHER BUSINESS

6.1 Legal Issues

Phased Development Agreements (PDA):

<http://www.bcrelinks.com/articles/phk1.htm>

http://www.civicinfo.bc.ca/LocalGovernmentAct/data/gsd0c150_1096.html

<http://www.cityofrevelstoke.com/pdf/Inclusionary%20Zoning%20Policy%20and%20Procedure.pdf>

<http://causs.ca/?p=94>

<http://www.sms.bc.ca/logo/2007/spring/spring2007-2.html>

Can commit 3 to 6 terms of future councils to zoning in a prescribed area.

-John Hunter, as per pre-notification – left meeting.

It was noted that density bonusing may be a planning tool which offers some benefits but also has a potential downside since once it is clear what developers can and cannot do there may be a problem associated with implied authorization.

A hypothetical case was examined on how PDAs could be abused:

For example, Cove & Mountain Forest was dedicated as parkland by referendum. An unscrupulous council could, by simple majority vote (and ignoring any feedback from a required public hearing) rezone the area for development and place it under a PDA – leaving future councils powerless to stop it. It was noted that although the risk of such a scenario is low the consequences could be horrendous. Pre- PDAs developers had remedial access via the courts. The balance has now shifted such that the public has neither remedial access via the courts, nor via the democratic election of a new council.

The Citizens Against Urban Sprawl Society (CAUSS) – a group based in Mission City BC (see link above) alerted BC residents about the dangers of PDAs – citing that “*unless a more rigorous and transparent approval process is developed, PDA’s could be passed all over the province, leaving a legacy of environmental destructive and financially high risk projects.*”

6.2 Any Other Issues (2 min each)

A)

Corrie noted a number of publications that may be of interest to FONVCA members:

- a) A notice of alternative approval process on page B4 of 17 June 2009 in which a part of Kanaka

Creek Regional Park is being sold. To stop this requires the petitioning of 10% of GVRD (of which DNV is part) population of 1,552,660 ie.155,266 signatures – a virtually insurmountable task.

- b) A SUN article of 13 June/2009 by Michael Geller “My 10 solutions would create government challenges”
- c) A SUN article of 13 June 2009 “Aging citizens drive new urban ideas”
- d) A SUN article of 16 June 2009 “Vancouver consider tiny suites in effort to ease renting crunch”
- e) A SUN article of 16 June 2009 “Parking restrictions will fail in their aim” – particularly that *“In making their decisions, civic politicians should take into account how people live, rather than how they think they should live”*

B) BC Bike Race – June 28th - ~ 400 participants.

C) Canada Day (July 1) celebrations at Lynn Valley Centre – Dan welcomes all.

D) Val reported that there is an **Open House** tonight (June 18th) re: Capilano Rd to Marine Dr. – dedicated bus lane on LG Bridge with little public consultation noted in report. DNV staff indicating that it’s a done deal.

7. CHAIR AND DATE OF NEXT MEETING

7:00pm Thursday July 16th 2008

Brian Platts – Edgemont Community Assoc.

Tel: 604-985-5104 bplatts@shaw.ca

Alternate: Cathy Adams

Meeting was adjourned at 9:05PM.

Development Cost Charges

Council Report
on DCCs
(PDF file-17KB)

Council gave Third reading on August 24, 1998 to [Bylaw 6945](#) to establish Development Cost Charges in the District of North Vancouver. The effective date for implementing DCCs is October 1, 1998. This bulletin is intended to provide an overview of the Bylaw and its implications.

Q What is a Development Cost Charge (DCC)?

A The basic principle of Development Cost Charges is to have new developments finance their share of the costs of major new infrastructure services (roads, utilities, parks) needed to support new development.

At present, the District is the only municipality in Greater Vancouver that does not charge area-wide DCC's.

Q Who will have to pay DCCs?

A DCCs will apply to any person who obtains:

- approval of a subdivision;
- a building permit for construction of four (4) or more self-contained residential dwelling units (i.e. townhouses or apartments);
- a building permit for construction, alteration or extension of a non-residential building or structure, where the value of the work exceeds \$50,000.

Q What kind of projects will DCC's be used to fund?

A DCC's will be used to pay for a portion of the capital costs of projects such as:

Roads:

- arterial and collector roads
- street expansion due to development
- replacement and new bridges

Utilities:

- trunk sanitary sewers, upgrading of sewage pumping stations, new and replacement water mains
- upgrading of water supply reservoirs and booster pump stations
- drainage and flood protection works

Parks:

- parkland acquisition
- certain park improvements

DCCs are in addition to the developer's responsibility for on-site infrastructure work.

Q What rate structure is being proposed for DDCs?

A For the proposed rates, see [Bylaw 6945](#). (This schedule is currently under review.)

Q Are there any other DCC charges applicable to the District?

A Currently, the Greater Vancouver Sewerage and Drainage District assesses a separate DCC levy which is collected by the District of North Vancouver. The rates are as follows:

Single Family Residential (per unit)	\$1,291
Townhouse (per unit)	\$1,129
Apartment (per unit)	\$807
Non-residential use per sq. ft. of building	\$0.605

Q How do the District's DCC rates compare with other municipalities?

A Here's a comparison of rates for a typical new single family home:

City of Surrey	\$19,460
Township of Langley	\$15,984
City of Richmond	\$13,597
District of Maple Ridge	\$13,004
City of Coquitlam	\$12,750
City of North Vancouver	\$10,844
City of New Westminster	\$10,302
District of West Vancouver	\$ 9,197

Note that the City of North Vancouver's DCC rate per single family dwelling unit is based on a typical 220 sq. metre (2370 sq. ft. house) at a rate of \$49.29 per sq. metre.

Q Why is our proposed DCC rate structure lower than some municipalities and greater than others?

A DCC's are based on two things:

- a community's estimated rate of population and dwelling unit growth, and
- the anticipated costs of providing the necessary infrastructure, and parkland acquisition and improvements.

Each municipality has different capital and growth management strategies and cost sharing requirements. For this reason, DCC rates vary between different communities.

Q What happens if the cost of projects increases? Or we have faster or slower growth than estimated?

A The rates will be reviewed regularly (every one to two years) to reflect current capital project costs and updates to dwelling unit projections.

Q How much is expected to be collected in DCCs?

A It is expected that on average approximately \$2 million will be collected in DCCs a year, depending on the type and number of developments approved.

Q When will DCC's be implemented?

A The 'Effective Date' set for implementing DCC's is October 1, 1998. This is subject to the bylaw receiving approval from the Province of B.C., Inspector of Municipalities, and followed by fourth reading and ratification by District Council.

Q Will DCC's apply to a subdivision application now being processed?

A Bylaw 6945 will come into effect on October 1, 1998 or upon final adoption of the bylaw, whichever is later. The bylaw will then apply to all applications for subdivision and building permits submitted after the "Effective Date."

This Bylaw will not apply to any subdivision or building permit applications tendered together with all applicable fees and charges before the Effective Date, if the applicant receives either final approval of the subdivision or the building permit within 12 months after the Effective Date. For a building permit application to be considered complete, a full set of working drawings must be submitted together with the applicable fees to the Permits Department, before the Effective Date.

Q Will the District be required to pay DCC's for its own developments?

A The District will have to pay DCC's for new developments like everyone else, as new infrastructure will be required to support the new development.

For more information, call 990-2450 or email nelsondl@district.north-van.bc.ca

Council Report
on DCCs
(PDF file-17KB)

COUNCIL AGENDA/INFORMATION

<input type="checkbox"/> In-Camera	Date: _____	Item # _____
<input type="checkbox"/> Regular	Date: _____	Item # _____
<input type="checkbox"/> Info Package	Date: _____	Item # _____
<input type="checkbox"/> Agenda Addendum	Date: _____	Item # _____

_____ Dept. Manager	_____ Director	_____ Municipal Manager
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**The District of North Vancouver
REPORT TO COUNCIL**

June 18, 2001
File: 5600-90/01
Tracking Number: RCA -

AUTHOR: R.O. Huffman, P.Eng., Manager - Utilities

SUBJECT: **Water Conservation - Rain Barrels**

RECOMMENDATION:

THAT the District of North Vancouver not participate with the City of North Vancouver in a Rain Barrel Pilot Project, but continue practising and investigating other more cost-effective methods of water conservation.

REASON FOR REPORT

On Monday, June 4, 2001, Council of the City of North Vancouver unanimously approved a Rain Barrel Pilot Project, which will involve a subsidy of approximately \$60 per barrel being provided to City residents interested in purchasing a rain barrel. This report is intended to provide information so that Council may give direction for offering a similar subsidized project to District residents.

SUMMARY:

- Several municipalities offer rain barrels for sale to their residents at a subsidized cost for the purpose of promoting water conservation.
- The District previously conducted a Rain Barrel Pilot Program from 1996 to 1998, involving community volunteers to monitor the performance of three different types of rain barrels.
- Results from the previous District program indicated that, although promotion of rain barrel use appears to raise awareness of water conservation, when the expense and effort on the part of the District and the barrel user are considered there are several more cost-effective ways to reduce water consumption and promote water conservation.
- Current water conservation initiatives include:
 - conducting annual water audits and leak-detection programs
 - advertising summer sprinkling restrictions
 - having Utilities staff distribute friendly reminders of sprinkling hours to residents
 - having Bylaw staff deal with sprinkling infractions on a progressive basis
 - presenting water conservation education programs to North Shore elementary schools
 - participating in the Municipal Water Conservation Co-ordinators Group

- applying for Federal-Provincial grants for installation of automated sprinkler systems for parks and playing fields
- In the near future the City of North Vancouver, in conjunction with the North Shore Recycling Program, will be advertising the sale of rain barrels to City residents at a subsidized cost of \$100 each. The amount of subsidy per barrel is \$60.

BACKGROUND:

Several GVRD member municipalities, including the City of Vancouver, the Corporation of Delta, the City of Surrey, the Township of Langley, and the City of North Vancouver, offer rain barrels for sale to their residents at a subsidized cost. The intent of these rain barrel programs is to promote water conservation. Water conservation is recognized as a necessary and beneficial tool for minimizing water supply, treatment and distribution costs.

Previous District of North Vancouver Rain Barrel Pilot Program – 1996 to 1998

In 1996, the Utilities Department initiated a District Rain Barrel Pilot Program in order to compile data on rain barrel use and effectiveness. The program continued for three years and was concluded after the summer of 1998. A total of 12 barrels were distributed to community volunteers over the three year duration. Eight of the barrels were an early version of the “Rain Pail” barrel used by the City of Vancouver (pictured below), two were another commercially available style, and two of the barrels were reconditioned food barrels. The supply and type of barrel were varied to try to find an optimal shape/colour that would best suit the barrel user at a reduced cost.

The District of North Vancouver funded the full cost of the barrels, however the barrel user supplied the necessary fixtures to pipe the rainwater from the roof leader downspout to the barrel, and completed the installation. Costs for the fixtures were approximately \$20 per barrel. The barrel volumes ranged from 205 Litres (L) or about 45 Gallons (Gal) to 340 L (75 Gal) and the rainwater collected from the roof and stored in the barrel could be used for watering gardens or sections of lawn utilizing hoses or watering cans. Information tables were sent to the user to allow the barrel use to be tracked during summer periods, when water conservation is especially important.

EXISTING POLICY: Not applicable



ANALYSIS:

District Rain Barrel Pilot Program Results

The findings from our Rain Barrel Pilot Program were:

- barrels were generally not difficult to install
- better watering pressure can be provided if barrels can be elevated
- warm, non-chlorinated rainwater from the barrels had a noticeable positive impact on flowers and plants
- barrels provide insufficient amounts of irrigation water during hot summer periods when water is most needed
- the average amount of water used from barrels in summer was 760 L (167 Gal), with utilization ranging from 140 L to 2042 L.
- manufactured rain barrels are not cost effective for water conservation; at the present cost of water purchase from the GVWD, it would take between approximately 500 and 1000 years for the barrels to pay for themselves (not including amortization costs). For reconditioned food barrels, the payback period would be roughly 140 years

Although promotion of rain barrel use appears to raise awareness of water conservation, it was concluded that, considering the expense and effort on the part of the District and the barrel user, there are several more cost-effective ways to reduce water consumption and promote water conservation.

Current Water Conservation Initiatives

Some of the steps that have been taken by the District to practice and promote water conservation are:

- Conducting annual water audits within selected areas of the water distribution system. This program reveals unaccounted-for water use and detects subsurface leaks
- Advertising summer sprinkling restrictions several times per year in local newspapers.
- Having Utilities on-call service trucks distribute friendly reminders to residents observed to be sprinkling outside of the allowed times
- Having Bylaws staff enforce the restricted sprinkling hours on a progressive basis, beginning with educational materials and a warning being left with residents
- Organizing and co-ordinating a water conservation education program for North Shore elementary schools, which included a play and the distribution of a water conservation colouring book

In addition, the Parks Department has applied for funding under the Canada-British Columbia Infrastructure Program to install water-efficient automated sprinkler systems for selected parks and playing fields.

Enquiries from District residents into the use of rain barrels have been limited since 1998. Typically, the Engineering Services Department and North Shore Recycling will each receive four or five enquiries per year.

City of North Vancouver Rain Barrel Pilot Project

The City of North Vancouver Pilot Project will involve the sale of "Rain Pail" rain barrels to residents of the City on a one per household basis at a subsidized price of \$100 each (including taxes). As the cost to the City for each rain barrel is approximately \$160, the City will provide a \$60 subsidy per "Rain Pail" to encourage participation in the pilot program (the current retail cost is approximately \$200). The City does not anticipate that the demand for rain barrels will be high.

The pilot program will be administered in conjunction with the North Shore Recycling Program, which will assist in advertising the availability of the rain barrels, and arranging for the sale of the rain barrels through the City Operations Division. Each purchaser will be asked to complete a questionnaire to determine the success of the pilot project and staff will report back to City Council with the findings.

Due to the fact that the City has now purchased a small supply of Rain Pails and will soon be advertising them for sale to City residents at a subsidized cost, it is anticipated that some District residents will request that a similar service be provided. The District of West Vancouver will not be participating in the pilot project at this time.

Timing/Approval Process:

The City will be advertising the project in the near future, as the annual period of watering restrictions has now begun.

Concurrence: Not applicable.

Financial Impacts: Should Council wish to participate with the City of North Vancouver in the subsidized sale of rain barrels, it is anticipated that the costs to the District would not exceed \$3000. Funding is available from the Water Audit account, however this will result in a decrease in the amount of audit and leak detection work that can be completed.

Liability/Risk: Not applicable.

Business Plan:

- ◆ **Social Policy Implications:** Water conservation contributes to the concept of "liveability" by reducing the impacts of growth on infrastructure upgrading and related neighbourhood disruptions.

- ◆ **Environmental Impact:** Water conservation can delay or prevent the development of new water supply sources, which in some cases would require tree clearing and loss of fish and wildlife habitat.
- ◆ **Public Input:** Members of the public have been given an opportunity to participate in and provide feedback for the District Rain Barrel Pilot Program.
- ◆ **Other Business Plan areas:** Not applicable.

Options:

1. Council can support the recommendation, or
2. Council can direct staff to participate with the City of North Vancouver in the sale of subsidized rain barrels to District residents on a one per household basis for \$100 each, or
3. Council can consider a different level of subsidy.

R.O. Huffman, P.Eng.
Manager, Utilities

<u>REVIEWED WITH:</u>	<u>REVIEWED WITH:</u>	<u>REVIEWED WITH:</u>	<u>REVIEWED WITH:</u>
<input type="checkbox"/> Eng. Trans/Public Works	<input type="checkbox"/> Clerk's Office	External Agencies:	Advisory Committees:
<input type="checkbox"/> Eng. Services	<input type="checkbox"/> Communications	<input type="checkbox"/> Library Board	<input type="checkbox"/> _____
<input type="checkbox"/> Eng. Parks	<input type="checkbox"/> Finance	<input type="checkbox"/> NS Health	<input type="checkbox"/> _____
<input type="checkbox"/> Eng. Utilities	<input type="checkbox"/> Fire Services	<input type="checkbox"/> RCMP	<input type="checkbox"/> _____
<input type="checkbox"/> Plg. Community Planning	<input type="checkbox"/> Human Resources	<input type="checkbox"/> Recreation Commission	
<input type="checkbox"/> Plg. Social Planning	<input type="checkbox"/> ITS	<input type="checkbox"/> Other: _____	
<input type="checkbox"/> Plg. Permits & Licenses			
<input type="checkbox"/> Plg. Land			
<input type="checkbox"/> Plg. Env. Protection			