



The Village of  
**PORT CLEMENTS**  
*"Gateway to the Wilderness"*

36 Cedar Avenue West  
PO Box 198  
Port Clements, BC  
V0T1R0  
OFFICE :250-557-4295  
Public Works :250-557-4326  
FAX :250-557-4568  
Email : [office@portclements.ca](mailto:office@portclements.ca)  
Web : [www.portclements.ca](http://www.portclements.ca)

Regular Meeting of Council Monday September 12, 2011

**AGENDA**

**1. ADOPT AGENDA.**

**2. PETITIONS, DELEGATIONS & OPENING OF SEALED TENDERS.**

**3. MINUTES.**

M-1-Regular meeting of Council August 15, 2011

**4. BUSINESS ARISING FROM THE MINUTES & UNFINISHED BUSINESS.**

BA-1- Water Treatment Plant Upgrade Report

**5. ORIGINAL CORRESPONDENCE.**

C-1- Elected Leadership Meeting with the Haida Gwaii Management Council

C-2- Inspire Health request to partner with local governments-Vitamin D Day

C-3- Provincial Budget Consultation in Prince George

C-4- Importance of Mechanical Insulation Resolution-International Association of Heat and Frost Insulators and Allied Workers Union Local 118

C-5- Northern BC Tourism Association 2011 Annual General Meeting

C-6- Northern British Columbia 2012 Travel Guide

C-7- Waste Reduction Week in Canada Proclamation Request

C-8- Senior Citizens Branch 123 of Port Clements' funding application from the New Horizons for Seniors Program

C-9- Canadian Association of Professional Access and Privacy Administrators' Proclamation-Right to Know Week

C-10-Vancouver Island Regional Library celebrating 75<sup>th</sup> Anniversary

C-11-UBCM Executive Release

C-12(a)-COPE Local 378-negative impacts of Smart Meters

C-12(b)-Information on Smart Meters – on UBCM agenda

**6. GOVERNMENT.**

**7. FINANCE.**

F-1-Cheque listing August 15, 2011

**8. NEW BUSINESS.**

**9. REPORTS & DISCUSSIONS.**

**10. QUESTIONS FROM THE PUBLIC & PRESS.**

**ADJOURNMENT.**

In camera meeting under *Community Charter* Section 90-1-c



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**Minutes of the regular meeting of the Port Clements Council held Monday August 15, 2011 in the Council Chambers.**

**Present:**

Acting Mayor Cheer  
Councillor Gould  
Councillor Stewart  
Councillor Traplin

Clerk/Treasurer Heather Nelson-Smith

Acting Mayor Cheer called the meeting to order at 7:32pm

**1. ADOPT AGENDA.**

Add- NB-1 Garbage Truck parking and Garbage Bin Placement  
Moved by Councillor Stewart, seconded by Councillor Gould  
THAT the agenda be adopted as amended.  
**CARRIED**

**2. PETITIONS, DELEGATIONS & OPENING OF SEALED TENDERS.**

**3. MINUTES.**

M-1-Regular meeting of Council July 18th, 2011  
Moved by Councillor Gould, seconded by Councillor Stewart  
THAT the minutes of July 18<sup>th</sup>, 2011 be accepted.  
**CARRIED**

**4. BUSINESS ARISING FROM THE MINUTES & UNFINISHED BUSINESS.**

BA-1- Forest Stewardship Council Certification  
Moved by Councillor Gould, seconded by Councillor Stewart  
THAT Council respond to Taan Forest Products and their FSC management Plan and High Concentration Value Forest Assessment with comments regarding section 4 and 5 of the forest safety principles and their impacts on Port Clements social, economic and financial future.  
**CARRIED**

**5. ORIGINAL CORRESPONDENCE.**

C-1- Vancouver Island Regional Library- 2010 Annual Report  
Moved by Councillor Gould, seconded by Councillor Stewart  
THAT the Vancouver Island Regional Library- 2010 Annual Report be received and filed for information.  
**CARRIED**

C-2- City of Nelson-Request to UBCM for In-Kind contribution Wild Fire Protection Planning

Moved by Councillor Gould, seconded by Councillor Stewart

THAT the City of Nelson-Request to UBCM for In-Kind contribution Wild Fire Protection Planning be received and filed for information.

**CARRIED**

C-3- Minister of Health- Creating Age Friendly Business in BC

Moved by Councillor Stewart, seconded by Councillor Gould

THAT the Minister of Health- Creating Age Friendly Business in BC information and questionnaire be sent to all commercial businesses in Port Clements.

**CARRIED**

C-4- Fresh Outlook Foundation- Building Sustainable Communities Conference February 2012

Moved by Councillor Stewart, seconded by Councillor Gould

THAT the Fresh Outlook Foundation- Building Sustainable Communities Conference February 2012 be received and filed for information.

**CARRIED**

C-5- UBCM- Survey results on the Public Health Act & Relationships between Local Governments and health Authorities

Moved by Councillor Gould, seconded by Councillor Stewart

THAT the UBCM- Survey results on the Public Health Act & Relationships between Local Governments and Health Authorities be received and filed for information.

**CARRIED**

C-6- Remote Community Implementation Program- Letter of Intent for Green Initiative Funding.

Moved by Councillor Gould, seconded by Councillor Stewart

THAT the Remote Community Implementation Program- Letter of Intent for Green Initiative Funding be received and filed for information.

**CARRIED**

## **6. GOVERNMENT.**

G-1- BC Ferries Task Force Appointment

Moved by Councillor Stewart, seconded by Councillor Gould

THAT Councillor Traplin replace Councillor Cheer as the representative for the BC Ferries Task Force.

**CARRIED**

G-2- UBCM

(a) MFA Semi-Annual Meeting 2011

(b) District of Stewart- UBCM resolutions

(c) BC Hydro Meetings

Moved by Councillor Stewart, seconded by Councillor Gould

THAT the information regarding the upcoming UBCM be received and filed for information.

**CARRIED**

## **7. FINANCE.**

F-1-Cheque listing August 12, 2011.

Moved by Councillor Gould, seconded by Councillor Stewart

THAT the cheque listing of August 12, 2011 be accepted.

**CARRIED**

F-2-Bursary Applications 2011

Moved by Councillor Stewart, seconded by Councillor Gould

THAT Council grants 2 \$500.00 (five hundred) bursaries from the 2011 year to Kelsey Lore and Kirsten Hitchcock and to grant the unused \$ 500.00 (five hundred) bursary from 2010 to Victoria Biggar.

**CARRIED**

## **8. NEW BUSINESS.**

**NB-1- Garbage truck parking**

Council discussed some of the issues with having the garbage truck parked in the residential zone and the concern of smell and attraction of animals to the centre of the community. Staff will follow up again with the property owner and business owner to see if the truck can be parked in another location.

## **9. REPORTS & DISCUSSIONS.**

**Councillor Gould-** Reported that there have been no formal decisions made with respect to the community forest as MIEDS Executive Director has been away.

**Councillor Stewart-** Reported that there has been some vandalism to the house behind the Community Hall

- That there have been delinquent kids hanging out on the old highways property
- Suggested that the former parking lot at the Community Park be accessible by key and that users be given keys to access so that they may drive to the fence line of the soccer field
- Reported that there is a phone scam running through Port Clements that could potentially access computer information

**Councillor Traplin-** Had nothing to report

**Clerk/Treasurer-** Reported on the BC ferries meeting August 29<sup>th</sup> at the community hall

- UBCM arrangements have been made
- RFP for the Barge Facility out this week
- Looking to get the RFP for the water tower complete ASAP
- Water Treatment upgrade Tender out now

**Acting Mayor Cheer-** Had nothing to report

## **10. QUESTIONS FROM THE PUBLIC & PRESS.**

### **ADJOURNMENT.**

Moved by Councillor Stewart, seconded by Councillor Gould

THAT the meeting be adjourned at 9:28 pm and closed to the public under community charter section 90-1-c

**CARRIED**

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Wally Cheer,  
Acting Mayor

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Heather Nelson-Smith  
Clerk/Treasurer



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**REPORT TO COUNCIL**  
**Water Treatment Plant upgrade**  
**September 8, 2011**  
**Heather Nelson-Smith**

**Resolution for discussion:**

***To award the contract for the upgrade to the water treatment plant to Canadian Western Mechanical and to work with them via opus DaytonKnight to reduce costs where they can to meet the budget of the Village. For any cost over runs associated with the project are to come from the Community Works Fund/ reserves and not to exceed \$100,000; In addition enlist the services of Opus DaytonKnight to manage the project under the Public Works Superintendent.***

**Background,**

The recommendation is to enlist the services of Western Mechanical. In order keep within our budget of \$1,075,000 for the entire project we need to reduce the tender by \$150,000.00. We do expect that we will be able to reduce the contingency as we are starting immediately and reduce the costs of some additional electrical works and esthetics, without compromising the project. We must expect that there are going to be some cost over runs and we have saved funds necessary for that purpose. The Village currently has in its reserves \$327,000 and the Community Works Fund has a balance of \$95,296.00 with approximately another \$25,000 coming in 2011.

In 2007 when we originally applied for the funding we had anticipated that we would need the Community Works fund or reserves to cover additional costs should they be needed.

We will be amending our project to remove the drilling of a well at this time given that there are not enough funds. However, we are making arrangements for the future well additions to be added to the treatment facility.

It is highly recommended that we continue with Opus DaytonKnight as the project managers. The value of their continued management is estimated at approximately \$78,000; however this is on the high side. We expect that many of the items will be done by Pete locally. This is not a project we can manage on our own, nor can we inspect at the end of the project. In addition

**BA-1**

the success of the project is highly dependent on the management and the expertise of an outside source.

Respectfully submitted,

## Village of Port Clements

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**From:** "bill beldessi" <bill.beldessi@haidanation.ca>  
**Date:** August-29-11 2:03 PM  
**To:** <brad.setso@haidanation.ca>; "Barry Pages" <bpages@mhtv.ca>; "evan putterill" <evan\_putterill@hotmail.com>; "Carol Kulesha" <Kulesha@qcislands.net>; <office@portclements.com>  
**Cc:** "melinda pick" <melinda.pick@haidanation.net>  
**Subject:** Elected leadership meeting with the Haida Gwaii Management Council

Mayors and Regional District Directors of Haida Gwaii,

You will soon be receiving an invitation to attend an open house being organized by the Kunst'aa Guu-Kunst'aayah Reconciliation Protocol Table (Reconciliation Protocol) on September the 19<sup>th</sup>. The Haida Nation and the Province of BC signed the Reconciliation Protocol on December the 11<sup>th</sup>, 2009 as a joint commitment to seek a more productive relationship with each other and design a more respectful approach to co-existence by way of making land and resource use decisions on Haida Gwaii. The location will be Christian White's longhouse in Old Massett between the hours of 4 to 8.

Haida and provincial members of the Reconciliation Protocol Table will be present as well as the Haida and provincial members of the Solutions Table and the Haida Gwaii Management Council to introduce themselves to you and answer your questions. There is a limited time available to you to meet with the Haida Gwaii Management Council on the morning of September the 20<sup>th</sup> if you so desire, please make these arrangements through me or Marlene Liddle.

Thank you,  
Bill Beldessi – Manager

CHN Heritage & Natural Resource Department  
504 Naani, Old Massett, Haida Gwaii  
250 626 5252.

Bill Beldessi - Manager  
Heritage & Natural Resource Department  
PO Box 589, Masset, Haida Gwaii - V0T 1T0  
Telephone: 250 626 5252  
Direct Line: 250 626 5571  
Fax: ..... 250 626 5579

"Materials and opinions contained herein are solely those of the author and do not necessarily represent in whole or part the position of the Council of the Haida Nation"



2011-08-30

## **Kunst'aa guu- Kunst'aayah Reconciliation Protocol Open House**

The Haida Nation and the provincial members of the Reconciliation Table cordially invite all Island residents to attend a Reconciliation Protocol Open House to be held at the Tluu Xaada Naay Longhouse, (Christian White Longhouse) 107 Raven Avenue, Old Massett on September 19<sup>th</sup>, 2011 between the hours of 4 and 8 PM.

Representatives of the Haida Nation and province, as well as members of the Haida Gwaii Management Council and the Solutions Table will be in attendance to provide information and answer your questions. The Solutions Table, which is comprised of representatives from the Haida Nation (Colin Richardson, Tyler Bellis) and BC (Ricardo Toledo, Jevan Hanchard), is responsible for technical and operational matters pertaining to the application of decisions made by the Haida Gwaii Management Council and for the review of applications to ensure the best technical information is used by decision-makers for each Party.

### **Background**

On December the 11<sup>th</sup>, 2009, the *Kunst'aa Guu-Kunst'aayah Reconciliation Protocol* was signed between the Council of the Haida Nation (Haida Nation) and the Province of British Columbia (BC). The Haida Nation and British Columbia's Chief Negotiators, using the established Reconciliation Table's process, facilitate upper level Government-to Government discussions and refine the shared and joint decision making processes. These decisions had been previously unilateral decisions of the Provincial Crown.

The Haida Nation, Canada and the British Columbia Chief Negotiators negotiate and integrate refinements and relevant material into the comprehensive tripartite *Reconciliation Agreement*.

The Protocol includes a joint commitment to seek a more productive relationship with each other, and design a more respectful approach to co-existence by way of land and resource use management on Haida Gwaii through joint and shared decision-making and ultimately a *Reconciliation Agreement*. The Haida Gwaii Management Council is the joint decision-making body.

Under this Protocol, the Haida Nation and BC operate under their own respective authorities and jurisdictions. Initially, the Haida Gwaii Management Council (HGMC) is responsible for the following joint decisions;

- Implementation and amendment of the *Haida Gwaii Strategic Land Use Agreement*;
- Establishment, implementation and amendment of Land Use Objectives for forest practices;
- Determination and approval of the Allowable Annual Cut for Haida Gwaii;
- Approval of Management Plans for protected areas;
- Developing policies and standards for the identification and conservation of heritage sites; and
- Other strategic level management matters that the Haida Nation and B.C. delegates to the Haida Gwaii Management Council.

The HGMC consists of two representatives of the Haida Nation (Trevor Russ, Allan Davidson) and two members from BC (Lindsay Jones, Darryl Robb), whose goal is to arrive at consensus in their decisions on the work identified above. If consensus is not achieved, a vote will be taken. If the vote is tied, a neutral chairperson (Derek Thompson), who has been selected by the Haida Nation and BC, will break the tie.

For further information please contact;



Melinda Pick, Council of the Haida Nation  
Telephone: 250-559-4468  
[melinda.pick@haidanation.net](mailto:melinda.pick@haidanation.net)

## Village of Port Clements

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**From:** "Maxine Koppe" <mkoppe@nclga.ca>  
**Date:** August-22-11 10:45 AM  
**To:** "Cariboo Regional District" <mailbox@cariboord.bc.ca>; "City of Dawson Creek" <admin@dawsoncreek.ca>; "City of Ft. St. John" <dhunter@fortstjohn.ca>; "City of Prince George" <wbabicz@city.pg.bc.ca>; "City of  
**Subject:** Request to partner with local governments.  
 Please see message below from Inspire Health.

Did you know that...Vitamin D is essential for the optimal health of your employees? Adequate vitamin D levels can substantially reduce our risk of heart disease, diabetes, strokes, MS, depression, and even the flu. Having adequate Vitamin D levels can also help reduce your risk of cancer. Two recent studies with breast and colon cancer have clearly demonstrated that your blood level of vitamin D at the time of diagnosis is highly correlated with survival. Higher blood vitamin D levels are also associated with substantially lower incidence rates of colon, breast, ovarian, renal, pancreatic, aggressive prostate and other cancers. Believe it or not, more than 12,000 cases of cancer each year in BC alone could potentially be prevented simply through Vitamin D supplementation.

So how do you get enough Vitamin D? First and foremost: Sunshine!! Known as the 'Sunshine Vitamin', Vitamin D is produced within the skin in the presence of sunlight. *Enough* sunlight is the key. The reality is Canadian don't get enough and this is especially true during the dark, grey, months of winter. In fact, Vitamin D deficiency is a serious public health issue in Canada. 70 – 97 percent of Canadians are deficient, primarily due to lack of sun exposure at higher latitudes.

So how else can you get more Vitamin D? There are some foods that naturally contain Vitamin D. These include oily fish such as salmon, mackerel, and herring, fish oil supplements, and in Canada, milk, some juices, some breads, yogurts, and cheeses are fortified with Vitamin D. Once again the reality is that dietary intake is often inadequate to satisfy either a child's or an adult's Vitamin D requirements.

The most accessible way to get enough Vitamin D is through inexpensive supplementation. InspireHealth physicians recommend 2,000 International Units of Vitamin D per day.

**InspireHealth is interested in collaborating with local governments and BC-based businesses on a workplace wellness initiative around Vitamin D.** We hypothesize that adequate Vitamin D supplementation by employees will lead to increased productivity through reduced absenteeism. If you are interested in collaborating with us please contact David Adams at 604.734.7125 Extension 227. Our website is [www.inspirehealth.ca](http://www.inspirehealth.ca)

C-2

## "VITAMIN D DAY"

WHEREAS Most Canadians have sub-optimal levels of vitamin D;

AND WHEREAS As a province, we are faced with rising healthcare costs that could prove financially unsustainable; it is anticipated that by 2017 health care costs will comprise 70% of the total provincial budget (compared to the 2007/08 figure of 39%);

AND WHEREAS With an aging population and increasing cancer drug costs, the rapidly rising conventional cancer budget is financially unsustainable. Conventional cancer treatment in BC averages more than \$25,000 per new patient with a cost of up to \$40,000 for one course of chemotherapy alone;

AND WHEREAS Substantial and growing evidence exists that engaging cancer patients in their own health through an integrative approach to care (i.e. exercise, healthful nutrition, emotional support, supplements, etc.) can substantially improve quality of life, reduce the risk of recurrence, improve survival, and reduce overall healthcare costs

AND WHEREAS Vitamin D supplementation is particularly noteworthy. It was found to reduce cancer incidence by 60%. Two recent studies (breast cancer and colon cancer) have clearly demonstrated that vitamin D blood level at the time of cancer diagnosis is highly correlated with survival;

AND WHEREAS Potentially, 12,000 or more cases of cancer could be prevented each year in BC alone by simply adequately supplementing with vitamin D;

AND WHEREAS In addition to cancer prevention, vitamin D supplementation has the added benefit of substantially reducing our risk of heart disease, diabetes, strokes, MS, depression, and even the 'flu;

NOW, THEREFORE, I, \_\_\_\_\_, Mayor of \_\_\_\_\_, DO HEREBY PROCLAIM  
Wednesday, November 2nd, 2011 as

"VITAMIN D DAY"

in the Municipality of \_\_\_\_\_.

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MAYOR

## Village of Port Clements

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**From:** "Maxine Koppe" <mkoppe@nclga.ca>  
**Date:** September-08-11 10:09 AM  
**To:** "Cariboo Regional District" <mailbox@cariboord.bc.ca>; "City of Dawson Creek" <admin@dawsoncreek.ca>; "City of Ft. St. John" <dhunter@fortstjohn.ca>; "City of Prince George" <wbabicz@city.pg.bc.ca>; "City of Prince Rupert" <cityhall@princerupert.ca>; "City of Quesnel" <cityhall@city.quesnel.bc.ca>; "City of Terrace" <hnunn@city.terrace.bc.ca>; "City of Williams Lake" <admin@williamslake.ca>; "District of 100 Mile House" <district@dist100milehouse.bc.ca>; "District of Chetwynd" <d-chet@gochetwynd.com>; "District of Fort St. James" <kevin@fortstjames.ca>; "District of Houston" <doh@houston.ca>; "District of Hudson's Hope" <clerk@hudsonshope.ca>; "District of Kitimat" <districtofkitimat@city.kitimat.bc.ca>; "District of Mackenzie" <info@district.mackenzie.bc.ca>; "District of New Hazelton" <info@newhazelton.ca>; "District of Port Edward" <rbedard@portedward.ca>; "District of Stewart" <info@districtofstewart.com>; "District of Taylor" <cmcLeod@districtoftaylor.com>; "District of Tumbler Ridge" <tradmin@dtr.ca>; "District of Vanderhoof" <clerk@district.vanderhoof.ca>; "District of Wells" <townhall@district.wells.bc.ca>; "Nisga'a Village of Gitwinksihlkw" <harry.nyce@gitwinksihlkw.ca>; "Regional District of Bulkley Nechako" <inquiries@rdbn.bc.ca>; "district" <district@rdffg.bc.ca>; "Regional District of Kitimat Stikine" <info@rdks.bc.ca>; "Regional District of Peace River" <prrd.dc@prrd.bc.ca>; "Skeena Queen Charlotte RD" <jmerrick@sqcrd.bc.ca>; "Town of Smithers" <General@smithers.ca>; "Village of Burns Lake" <village@burnslake.ca>; "Village of Fraser Lake" <village@fraserlake.ca>; "Village of Granisle" <eswan@villageofgranisle.ca>; "Village of Hazelton" <info@village.hazelton.bc.ca>; "Village of Masset" <vom@mhtv.ca>; "Village of McBride" <come2mcbride@telus.net>; "Village of Port Clements" <office@portclements.ca>; "Village of Pouce Coupe" <admin@poucecoupe.ca>; "Village of Queen Charlotte" <office@queencharlotte.ca>; "Village of Telkwa" <info@telkwa.com>; "Village of Valemount" <cao@valemount.ca>  
**Subject:** Provincial Budget Consultation

## Provincial Budget Consultation

Prince George, B.C.- The Select Standing Committee on Finance and Government Services will be coming to Prince George September 20<sup>th</sup> for pre budget public consultation.

"We encourage interested individuals and organizations to take part in this important process," said Committee Chair Rob Howard. "The budget consultations provide an excellent opportunity for the public to express their views regarding next year's provincial budget."

Prince George is one of 13 communities which will host a public hearing, there will be videoconferencing for another eight locations.

The public is invited to attend the hearings or take part by sending a written submission, responding to the online survey, or submitting an audio or video file.

The public consultation will start in Vancouver on the 15<sup>th</sup>.

Fort Nelson            September 19

Smithers              September 20

Prince George        September 20

Williams Lake        September 21

Kamloops            September 21

C-3

2011-09-08

Courtenay                      September 22

Video-conference sessions   September 22

Terrace, Grand Forks, Nelson, Osoyoos

Video-conference sessions   October 5

Dawson Creek, Fort St. John, Prince Rupert, Golden

Victoria                      October 7

Surrey                        October 11

Chilliwack                  October 12

Cranbrook                  October 12

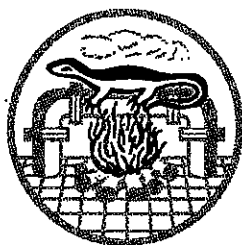
Kelowna                    October 13

Richmond                  October 14

Registration for the public hearings and video-conference sessions opens today at 1:00 p.m.

To register, contact committee staff by phone, 1-877-428-8337, or by e-mail: [FinanceCommittee@leg.bc.ca](mailto:FinanceCommittee@leg.bc.ca).

The deadline for public input is Friday, October 14, and the Committee will release its report by Tuesday, November 15.



## International Association of Heat and Frost Insulators and Allied Workers Union Local 118

**Lee Loftus**  
Business Manager

**Ken Jakobsson**  
President

Aug 24, 2011



**Via Facsimile: 250-557-4568**

Mayor & Council  
Port Clements  
Box 198  
Port Clements BC V0T 1R0

**Honorable Mayor and Council:**

We represent the Heat and Frost BC Insulators and write to seek your council's support for an important resolution to be debated at the Union of BC Municipalities Convention taking place September 26-30, 2011 in Vancouver.

This resolution encourages the appropriate use of Mechanical Insulation in municipalities to save money, reduce energy consumption and shrink our carbon footprint.

We believe promoting Mechanical Insulation techniques and introducing changes to the BC Building Code will be of enormous benefit not only to your municipality but to our whole province.

The resolution to the UBCM below has been submitted by the Burnaby City Council. [The City staff's full report is online at:  
<https://burnaby.civicweb.net/Documents/DocumentList.aspx?ID=11518> ]

**Importance of Mechanical Insulation – Resolution**

*WHEREAS* the proper application of mechanical insulation, including the material used, thickness, and installation techniques, has been shown to improve the energy efficiency, reduce the greenhouse gas emissions, and provide other benefits for both new and retrofitted building,

*AND WHEREAS*, given possible Code changes in the near future, it is a timely opportunity to advocate to the Provincial Government to consider including additional information and requirements regarding mechanical insulation in any Code updates:

C4

*THEREFORE BE IT RESOLVED* that the Union of BC Municipalities request that any future updates or amendments to the BC Building Code include specific, up-to-date requirements on mechanical insulation, including the reproduction of any specifications, such as thickness tables, that may be referenced from other sources, and also include reference to mechanical insulation best practice standards.

We have also enclosed copies of our brochure "**Pipes Need Jackets Too**" – a brief illustrated explanation of how Mechanical Insulation can easily save money, reduce energy consumption and shrink carbon footprints.

Council members can also visit our website at <http://www.energyconservationspecialists.org/> for a full discussion of the many advantages of Mechanical Insulation, including a White Paper on the issue, examples of good and bad Mechanical Insulation and details of the many benefits.

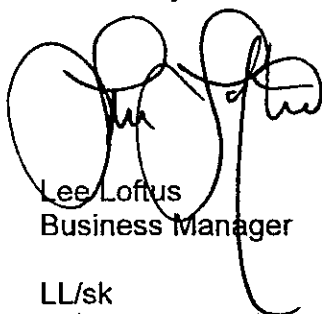
We would be pleased to provide your council or staff with more information on Mechanical Insulation and answer any questions.

The Heat and Frost BC Insulators would also be very pleased to make a presentation on Mechanical Insulation to your council if you are interested and/or to meet with your delegates at the UBCM Convention, where we will have representatives in attendance throughout at our booth in the trade.

However, given the short time frame before the UBCM Convention begins, we hope that you will consider endorsing this resolution by passing your own council motion at your earliest convenience.

Thank you for your consideration of this request.

Yours truly,



Lee Loftus  
Business Manager

LL/sk



## Village of Port Clements

**From:** "Northern BC Tourism Association" <info@nbctourism.com>  
**Date:** August-26-11 5:06 PM  
**To:** <office@portclements.ca>  
**Subject:** Northern BC Tourism's AGM details

### Annual General Meeting news from Northern BC Tourism



-  [Find us on Facebook](#)  
 [Follow us on Twitter](#)  
☒ [Forward to a Friend](#)



#### Ancient Forest

113 kilometers east of Prince George lives a stand of trees estimated to be 800 to 2000 years old. Come for a hike in this magical, mossy place, and learn about the trees, wildlife and uniqueness of the area. Paxton Shuttle Services will take you out to the site, and Outdoor Life Adventure Company will take us through this enchanting area.

## 2011 Annual General Meeting

**You've been asking and we've been working hard to bring you the best program available!** Here are all the details you need about Northern BC Tourism's upcoming Annual General Meeting and Conference, October 3 & 4, in Prince George. This year's conference, **Rethinking Tourism**, will challenge and educate, as well as provide opportunities to network with your tourism colleagues.

Tourism expert Dr. Nancy Arsenault, travel writer and television travel show host Robin Esrock, and the ever-popular Simon Ratcliffe are just a few of this year's featured speakers. Northern BC Tourism will be launching our new corporate campaign, getting you up-to-date on New Media, and after all that learning, you can even register for a post-conference guided hike in the Ancient Forest to get back to nature.

Click on these links to download the forms to your computer:

[AGM Schedule & Speakers](#)  
[Registration Form](#)

## Sponsorship & Auction

We need your generous support to provide quality speakers and programming for our event. Sponsors are recognized at the AGM, and details can be found in the documents, below. If you have auction items, we would love those, too. Please fill out the form below to let us know about it, and call Tasha Peterson at 250-561-0432 ext 206, if you have

CS





## Rethinking Tourism

October 3 & 4, 2011  
Prince George, BC

Location:  
Ramada Hotel Downtown Prince  
George

Conference coordinator:  
Tracy Kucera  
tracy@nbctourism.com

any questions.

[Sponsorship Details](#)

## Vote NOW!

If you've done business in the last year with Northern BC Tourism, you are most likely a voting stakeholder. Please vote for your new Board of Directors members NOW. Voting no longer takes place at the Annual General Meeting, it is right here, right now. Please click the link and follow the instructions. Ballots must be received back to Northern BC Tourism by September 27, 2011.

[Board of Directors Election BALLOT](#)

## Awards

Northern BC Tourism has enhanced our Northern Tourism awards. Nominate an excellent tourism operator for our all new categories:

[Award Nominees Package](#)

## Don't miss this event!



Copyright August 2011  
Northern BC Tourism Association  
1274 Fifth Avenue  
Prince George, BC V2L 3L2  
250-561-0432

## Northern British Columbia 2012 Travel Guide

The Northern British Columbia Travel Guide is an annual publication that is produced by Northern BC Tourism to promote regional tourism products to consumers.

### **How does the program work?**

The sales for the Travel Guide begin in May each year. Printing takes place in December and the guide is ready for distribution in January. An online version of the Travel Guide is available on the Northern BC Tourism consumer site at [www.northernBCtourism.com](http://www.northernBCtourism.com).

### **Your direct link to guest and residents of Northern BC**

Make sure your business advertises in one of the most visitor requested British Columbia Travel Guides! The Northern British Columbia Travel Guide is the official vacation guide for the Northern BC region.

The guide is designed to inspire and entice potential visitors with stunning imagery so that the visitor can imagine themselves in Northern BC. The guide will answer questions that the potential visitor might have and the guide will have a list of things to see and do.

The Northern British Columbia Travel Guide is used extensively throughout the tourism industry, both at home and abroad, to attract visitors to the region. The Distribution Program is the key fulfillment piece for the region. By placing an ad in the 2012 Travel Guide, you are buying into a full marketing campaign!

Tourism BC distributes The Northern British Columbia Travel Guide directly to potential visitors through their 1-800 HELLOBC line and mail fulfillment services. It is also promoted in international tourism markets through various offices and trade shows. The 2012 Travel guide is also the main distribution piece for travel shows throughout BC, the US and internationally.

Advertisers are being exposed to the North American market, extensive distribution through Information Centres, and other key visitor locations. The ads "Call to Action" urging potential visitors to go online for their "FREE Northern BC Travel Guide" will be placed in the following:

RV West Magazine, BC Magazine, [www.NorthernBCtourism.com](http://www.NorthernBCtourism.com), [HelloBC.com](http://HelloBC.com) and more...

There is also an interactive version of the guide in a clickable e-book format available from [NorthernBCtourism.com](http://NorthernBCtourism.com). With a link from your ad directly to your Web site! Imagine what exposure your business will receive with the 2012 BC Northern Travel Guide!

Participate in a 1/2 page advertisement in Northern British Columbia Travel Guide for under \$500.00. Members of the Haida Gwaii Tourism Industry have identified as a priority publication for marketing tourism.

## Pricing

The advertising space will be a 1/2 page horizontal – 7.0" x 4.875" size. This space will feature the Go Haida Gwaii banner at the bottom of the ad, and will be shared with 6 community businesses.

The ad material is due for the end of September and should be submitted in electronic form to the Social Media Coordinator: Stephany Pryce, [media@mieds.ca](mailto:media@mieds.ca)

Be specific about what you want in the ad and don't forget to include your URL for your web site if applicable. Submit your ad in business card format and remember that the size and shape can easily be altered if you submit an original Photoshop psd file. If a Photoshop file is not available, then you can submit a jpg file, but the quality may not be as good as an original Photoshop file.

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The price includes the cost of the advertisement, taxes, and graphic design for one business:

\$455.00

This is a wonderful opportunity for you to showcase your business to an unlimited number of potential visitors to Northern British Columbia!

**HAIDA GWAI**  
goHaidaGwaii.ca ©

Layout of the advertisement for the Northern British Columbia Travel Guide shared advertisement space.



**The Village of Port Clements**  
contact info here

**HAIDA GWAI DISCOVERY TOURS**  
QUEEN CHARLOTTE ISLANDS  
contact info here

**SUPER. NATURAL.<sup>®</sup>**  
**BRITISH COLUMBIA**  
CANADA

**YOU ARE HERE**

Visit Haida Gwaii and experience a world of intrigue, a world of adventure and a world of undeniable breathtaking beauty

**HAIDA GWAI**  
goHaidaGwaii.ca



# Waste Reduction Week in Canada

October 17-23, 2011



# Semaine canadienne de réduction des déchets

17 au 23 octobre, 2011

TO: MAYOR AND COUNCIL

FROM: Recycling Council of British Columbia

DATE: August 26<sup>th</sup>, 2011

## Re Proclamation Request

Canada will celebrate its eleventh annual National Waste Reduction Week from October 17th-23rd, 2011. Each year the Recycling Council of British Columbia (RCBC) organizes BC's involvement in observing this important week. We would like to ask all municipal councils in BC and all Regional Districts to officially declare October 17th-23rd, 2011 as Waste Reduction Week in their communities.

Waste Reduction Week is intended to raise awareness about waste and its environmental and social impacts. The theme of Waste Reduction Week, "Too Good to Waste", is meant to draw attention to the richness and diversity of the natural world and the importance of working towards ecological sustainability through waste avoidance and resource conservation.

RCBC began sponsoring "October Waste Reduction Month" in BC fifteen years ago. In 2001 we teamed up with organizations from across Canada to create Waste Reduction Week, a national event with participation from every Canadian province and territory. Please join RCBC in proclaiming October 17th-23rd, 2011 as National Waste Reduction Week. For more information or a sample proclamation, please visit the national website at [www.wrwcanada.com](http://www.wrwcanada.com).

Kind regards,  
Recycling Council of British Columbia.  
[www.rcbc.bc.ca](http://www.rcbc.bc.ca)

[www.wrwcanada.com](http://www.wrwcanada.com)

Champion Sponsor



C-7

# Waste Reduction Week in Canada

October 17-23, 2011



# Semaine canadienne de réduction des déchets

17 au 23 octobre, 2011

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(Name of Municipality)

**hereby recognizes**

## Waste Reduction Week in Canada October 17-23, 2011

As a municipality, we are committed to conserving resources, protecting the environment and educating the community.

We recognize the generation of solid waste and the needless waste of water and energy resources as global environmental problems and endeavor to take the lead in our community toward environmental sustainability.

We have declared October 17-23, 2011, Waste Reduction Week in

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Municipality

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Signed

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Date

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Name and Position

Senior Citizens' Association of BC  
Branch 123  
Box 124  
Port Clements, B.C.

September 8<sup>th</sup> 2011


Port Clements  
Village Council

The Seniors Citizens Branch 123 of Port Clements are applying for funding from the New Horizons for Seniors Program and require a letter of support from the Port Clements Village Council.

Funding is required for a large Storage Cabinet to store many items such as sports equipment and other items stored in various places.

We have contacted various contractors to have this cabinet built and find that the cost will be \$2000.00

Thanking you in advance for considering our request.  
We look forward to a favourable reply.

  
Burneta Decembrini  
President Branch 123  
Port Clements. B.C.

C.8



**CANADIAN ASSOCIATION OF  
PROFESSIONAL ACCESS AND  
PRIVACY ADMINISTRATORS**

CANADA'S VOICE OF PRIVACY AND ACCESS  
la porte parole canadienne pour l'accès et la vie privée

Suite 330 Unit 440  
10816 Macleod Trail SE  
Calgary Alberta Canada T2J 5N8  
info@capapa.org  
www.capapa.org

29 July 2011

via fax to 250.564.6514

North Central Local Government Association  
c/o Maxine Koppe, Secretary Treasurer  
206-155 George Street  
Prince George, BC V2L 1P8

Dear Ms. Koppe:

**Re: Proclamation – September 26 to September 30, 2011 is Right to Know Week**

The week of September 26 to September 30, 2011 is Right to Know Week across Canada, and is being celebrated to raise awareness, inform citizens, and generate discussion about access rights and responsibilities.

The Canadian Association of Professional Access and Privacy Administrators (CAPAPA) is once again organizing events across Canada in recognition of Right to Know Week, to further citizens' awareness of their rights and engage in discussion about access to information rights and responsibilities. Right to Know Week offers an excellent opportunity for your member municipalities to affirm the importance of the access rights of citizens.

CAPAPA is a national non-government non-profit association that is the leading organization in Canada that represents Canada's Access and Privacy professionals, and takes an active role in advancing awareness about access to information and data privacy in Canada. (Additional information is available at [www.capapa.org](http://www.capapa.org).)

On behalf of the CAPAPA Board of Directors, I would like to request your support by encouraging your member Governments to proclaim September 26 to September 30, 2011 as Right to Know Week. Our office has sent individual letters and draft proclamations to municipalities in BC and elsewhere across Canada and, to spread the message further, we hope that you will be able to send an email attaching our template proclamation to your members for their consideration.

Please contact me, and invite your member municipalities to contact me directly, if additional details are needed to be able to consider this request.

Sincerely,

  
Sharon Polsky  
National Chair

email: [NationalChair@CAPAPA.org](mailto:NationalChair@CAPAPA.org)  
Telephone: 403.254.4376

**CAPAPA — Canada's Voice of Privacy and Access**  
la porte parole canadienne pour l'accès et la vie privée

CAPAPA is a member-based non-profit association

C-9





**CANADIAN ASSOCIATION OF  
PROFESSIONAL ACCESS AND  
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Calgary Alberta Canada T2J 5N8  
info@capapa.org  
www.capapa.org

**Backgrounder – September 26 to September 30, 2011 is Right to Know Week**

**1. Type of Communication: Proclamation**

**2. Occasion Details**

- Occasion Title: September 26 to September 30, 2011 is Right to Know Week
- New Proclamation
- Length: One (1) Week
- Occasion Starting Date: 2011 September 26
- Occasion Ending Date: 2011 September 30

**3. Background Information/Comments**

CAPAPA is a national non-profit association, established pursuant to the Alberta Societies Act and headquartered in Calgary, and the leading organization in Canada that is dedicated to Access and Privacy in both the private sector and the public sector. CAPAPA also takes a role in advancing awareness of privacy and information access in Canada. (Additional information is available at [www.capapa.org](http://www.capapa.org).)

CAPAPA will once again be celebrating Right to Know Week with a multi-part framework that includes educational events and the involvement of academic, government, law enforcement and industry leaders across the country and encompasses:

- 1) Information workshops and seminars across Canada, with Privacy Commissioners or their representatives as guest speakers at events across Canada. A list of scheduled Right to Know Week activities is available at <http://capapa.org/connexions.html>.
- 2) Education and promotion materials that CAPAPA members and the public can make available to their co-workers, colleagues, and the communities in which they live and work.
- 3) Media coverage and media releases highlighting Right to Know Week events, participants and supporters.

**4. Contact Information**

Sharon Polsky, CAPAPA's National Chair, at 403.254.4376 or [NationalChair@CAPAPA.org](mailto:NationalChair@CAPAPA.org)

Mailing Address for all of the above:

CAPAPA  
Suite 330, Unit 440,  
10816 Macleod Trail S  
Calgary AB T2J 5N8

**CAPAPA — Canada's Voice of Privacy and Access**  
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Calgary Alberta Canada T2J 5N8  
info@capapa.org  
www.capapa.org

**A Proclamation  
Right to Know Week  
September 26 – September 30, 2010**

WHEREAS the [NAME OF MUNICIPALITY] has adopted the principles of open, accountable and transparent government.

WHEREAS the Freedom of Information and Protection of Privacy Act grants British Columbians a right of access to information in the custody or under the control of public bodies.

WHEREAS the access to municipal government information promotes open and transparent government and ensures that citizens of the [NAME OF MUNICIPALITY] have an opportunity to participate in a meaningful way in the democratic process.

WHEREAS The Canadian Association of Professional Access and Privacy Administrators (CAPAPA), a non-profit organization that takes a leading role in advancing awareness of Access to Information and Privacy rights, is working to increase awareness among people, in and across the Province of British Columbia, about their rights of access to information provided by the laws of British Columbia and Canada.

WHEREAS a celebration of the right of British Columbians to access information will promote citizen participation in the processes of governance.

**WHEREAS** Right to Know Week constitutes an international and a nation-wide effort to raise awareness about the right of access to information, and to inform citizens of their rights and of good information practices.

NOW THEREFORE, the Mayor, [NAME OF MAYOR], for the [NAME OF MUNICIPALITY] DO HEREBY PROCLAIM that September 26 to September 30, 2011 inclusive, shall be known as "RIGHT TO KNOW WEEK"

WITNESS, The Honourable [NAME OF MAYOR], Mayor of the [NAME OF MUNICIPALITY], this \_\_\_\_\_ day of September two thousand and eleven.

**CAPAPA — Canada's Voice of Privacy and Access**  
la porte parole canadienne pour l'accès et la vie privée

CAPAPA is a member-based non-profit association



## VANCOUVER ISLAND REGIONAL LIBRARY

### CENTRAL SERVICES

Box 3333 | 6250 Hammond Bay Road  
Nanaimo, BC Canada V9R 5N3  
Tel: 250.758.4697 Fax: 250.758.2482  
Email: [info@virl.bc.ca](mailto:info@virl.bc.ca) Web: [www.virl.bc.ca](http://www.virl.bc.ca)

August 25, 2011

His Worship Cory Delves and Council  
Village of Port Clements  
Box 198  
Port Clements, BC V0T 1R0

Dear Mayor Delves and Council

In September, Vancouver Island Regional Library is celebrating its 75th Anniversary and commemorating the pioneering efforts and perseverance it took to establish a library cooperative during the Depression era.

In 1936, 15 representatives from towns in Central Vancouver Island attended a meeting at Nanaimo's Malaspina Hotel to discuss a library system for the region, and they received a \$6,500 grant from the Andrew Carnegie Corporation of New York. Hundreds of residents, societies and associations had to be convinced of the need for libraries, and voters had to determine in a plebiscite to fund libraries through a library tax to provide the best books, for the most people, at the least cost.

Soon after, provincial Cabinet passed an Order to create Vancouver Island Union Library to serve 21,000 people in five municipalities and 32 rural school districts between Mill Bay and Campbell River, and the communities of Cowichan Lake and Port Alberni. The Headquarters building was located in Nanaimo in a basement on the corner of Wallace and Fraser Streets. Service was provided through a few library branches, deposit stations and road-side stops of the library van.

Vancouver Island Union Library started with 12,648 books that circulated 56,000 times to 6,100 customers in its first year of operation. Over time, this small regional system changed its name to Vancouver Island Regional Library and has grown into the fourth largest library system in British Columbia – the 13th largest in Canada – serving a vast geographic region that covers Vancouver Island from north of Victoria all the way to Haida Gwaii and Bella Coola on the central mainland coast.

Today, Vancouver Island Regional Library stocks over 1.1 million items that are circulated more than 5,100,000 times to over 163,000 customers. In addition to traditional books, we offer many online services and e-resources through 38 branch libraries and our virtual branch ([www.virl.bc.ca](http://www.virl.bc.ca)).

We are proud of our regional library system and appreciate the continued support we receive from your municipality.

Sincerely

Rosemary Bonanno, BA, MLS  
Executive Director  
Vancouver Island Regional Library

Encl

Strong Libraries ■ Strong Communities

Bella Coola Bowser Campbell River Chemainus Comox Cortes Island Courtenay Cowichan Cowichan Lake Cumberland  
Gabriola Island Gold River Hornby Island Ladysmith Masset Nanaimo Harbourfront Nanaimo Wellington Parksville  
Port Alberni Port Alice Port Clements Port Hardy Port McNeill Port Renfrew Quadra Island Qualicum Beach Queen Charlotte  
Sandspit Sayward Sidney/North Saanich Sointula Sooke South Cowichan Tahsis Tofino Ucluelet Union Bay Woss

C-10



# EXECUTIVE RELEASE

August 4 2011

## Highlights of the July 21 - 22 Executive Meeting

The July meeting is the fourth meeting of the year and signals the year-end for the association. At this meeting the Executive approves the work plan and preliminary budget for the year ahead and considers the Annual Report highlights and audited financial statements. The Executive also reviewed 219 resolutions; considered reports from 10 committees; and the full Executive received two delegations. The first delegation was from Mayor Peter Fassbender, UBCM's representative to the RCMP Contract Provincial Negotiating Team. The Executive also met with the Minister of Community, Sport and Cultural Development, the Honourable Ida Chong.

### General Executive decisions:

- adopted the 2011-2012 preliminary budget.
  - received the annual report on UBCM's compliance with statutory requirements and the annual review of the MOU's, protocols and other agreements.
  - will continue to work with the Province on the development and implementation of changes to the **farm assessment** process.
  - continue to provide input into the development of the **Off Road Vehicle** management framework through the two established working groups and report back to the Executive as required.
  - monitor the **Agricultural Land Commission** review process and report further once the review report is available.
  - will continue to monitor the **Land Title**
- **Survey Authority's** move to e-filing and assist in coordinating consultations with member local governments prior to implementation.
  - monitor implementation of the **asbestos regulations** in the demolition or renovation of homes to determine what impact it may have on local government.
  - undertake the study contemplated in the RFP related to **industrial taxation**.
  - participate in the working group and support the development of a program and funding sources to manage the removal of **derelict vessels**.
  - consult with local governments regarding the **landfill gas capture** regulation and inform the Executive of any local government concerns.
  - meet with the Ministry and continue to advocate for the role of local governments in the decision-making and delivery of **local tourism marketing**.
  - continue to monitor the effect of the Health Care Costs Recovery Act for all local governments, particularly those who are not MIA members, who self-insure or use another insurance agency other than the MIA.
  - continue to consult with local governments on the impact of the proposed Net Zero Deforestation Act on British Columbia's communities, and work with the Ministry of Community, Sport and Cultural Development and the Ministry of Forests, Mines and Lands to explore and identify opportunities related to the Act.

- received a report on the Jeff McKelvey scholarships approved for 2010/2011 and approved \$5,000 be made available for scholarships in 2011/2012.
- received a report on new provincial legislation of interest to local governments.
- received a report on feedback received in response to UBCM's Comment on Fiscal Management in British Columbia's Municipalities.
- received a report on the survey results from the major federal parties, prior to the federal election, with respect to their party positions on **RCMP Contract Renewal and Infrastructure**.
- received a report on recent and planned activities with respect to the FCM **International Program**.
- received an update from the Nominating Committee on the 2011 Executive **nominations process** - July 29, 2011 being the deadline for nominations.
- approved the financial statements for the year ending June 30, 2011.
- approved the appointment of Councillor Noreen Guenther, Lake Country as UBCM's representative to **FortisBC's** Resource Planning Advisory Group.
- received a status report on Victoria Operations including the current provincially funded programs administered by UBCM under the **Local Government Program Services** and the **Gas Tax / Public Transit Programs**.
- received correspondence on a number of matters including: MSP premiums for seniors; internet voting for local government elections; urban deer issue; derelict vehicles; Gas Tax Innovation Fund; 2011 Strategic Wildfire Prevention Initiative and Metro Vancouver's Sustainable Regional Initiative.
- received a report from the UBCM's **Ferry Fares Advisory Committee** on its activities to date including a meeting with Minister of Transportation Blair Lekstrom and a submission to the new BC Ferry Commissioner Gordon Macatee outlining local government concerns and interests with respect to ferries and encouraging the Commissioner to consult with communities as part of his review of the Coastal Ferry Act.
- received a report from the LGLA advising of the plans for delivering the **2012 Newly Elected Officials program**.

## Committee Reports

### Presidents

The Committee provided an overview of their discussions and noted that Committee members also serve as the Audit Committee and they met with UBCM's external auditors to review the 2010-2011 financial statements. The Committee also reviewed the proposed budget for 2011-2012. In addition, the Committee discussed a number of matters during the meeting including: 2011-2012 Preliminary Budget; 2011 Community Excellence Awards judging process; member service and group benefit programs; decided against adding new UBCM membership categories; confirmed that the Metro Vancouver representative on the Presidents Committee would be permanent; and received reports on intergovernmental relations from the President and a report on 2011 member visits from the Executive Director.

### Convention

The Committee provided an overview of Convention planning items currently underway, such as catering details and room allocations. Updates were provided on banquet

entertainment, which will be provided by comic juggler Robin Chestnut, to be followed by a dance with music from The Pids, including special performances by some UBCM executive board members and delegates.

The Committee made the following recommendations:

- approve the suggested clinics and workshops; including a session on the Municipal Auditor General;
- provide piano music during the banquet reception; and,
- provide a donation to the Canadian Red Cross and the UBC Farm's Inter-Generational Landed Learning Project in place of traditional speaker gifts.

## Environment

The Committee reported out on its activities noting that it had received a report on the addition of packaging and printer paper to the BC Recycling Regulation. The Committee also discussed cosmetic pesticide use; the Q.U.E.S.T initiative; residential land use standards in the Agricultural Land Reserve; and the climate action charter.

The Committee made the following recommendations:

- consult with local governments on the impact of the addition of packaging to the Recycling Regulation, and advise the Province and the product steward of local government issues and concerns;
- work with the Province and the packaging product stewards in developing a survey, to be distributed by the Province, on existing local government blue box programs that would inform the scope and content of a packaging product stewardship plan;

- request a seat on the stewardship council or steering committee tasked with developing and implementing the packaging extended producer responsibility program to ensure local government interests are represented;
- write to the Province regarding the proposed packaging product stewardship program, which indicates UBCM's support for the program as well as identifies local government concerns with the scope and implementation of the plan;
- write the provincial bi-partisan committee on cosmetic pesticide use outlining support for a provincial ban on the sale and use of cosmetic pesticides province-wide, as per UBCM official policy;
- write to the Chair of the Quality Energy Systems of Tomorrow (QUEST) Initiative acknowledging UBCM's support for the Initiative;
- appoint a representative to sit on the Steering Committee of the British Columbia Chapter of the Quality Energy Systems of Tomorrow (QUEST) Initiative to promote local government interests; and
- write to the Province outlining local government concerns with the proposed carbon neutral framework.

## First Nations Relations

The Committee reported out on its discussions including the proposed work plan for researching local governments' experience with non-treaty agreements and incorporating these findings into discussions around the renewal of the 2008 MOU on the New Relationship with the Province. The Committee considered four discussion papers from LMTAC; discussed the Monday pre-conference session on First Nations relations; received correspondence from Minister Polak in follow up to their April 2011

meeting; and received a number of information items related to local government-First Nation relations.

The Committee made the following recommendations:

- undertake research work that would identify local governments' experience in non-treaty agreements; the results of which would inform the MOU renewal process with the Province;
- write the federal Aboriginal Affairs Minister John Duncan asking that he share a copy of the report on the possibility of accelerating the conclusion of treaties with Common Table First Nations that are in the BC Treaty Process; and
- indicate support in principle for the issues identified by LMTAC as matters of local government interest that need to be addressed by provincial and federal governments when undertaking treaty/non-treaty negotiations.

## Healthy Communities

The Committee reported out on its meeting, which included two delegations. The first was from Matt Herman, Executive Director, Injury Prevention and Healthy Built Environments, Ministry of Health to discuss the Healthy Families BC Communities Initiative and proposed consultation plan. The second delegation was received from Honourable Mary McNeil, Minister of Children and Family Development to discuss provincial initiatives to address child poverty. The Committee also discussed the results of the survey on the Public Health Act and the relationships between local governments and health authorities; and the renewal of the MoU with BC Parks and Recreation Association.

The Committee made the following recommendations:

- work with Ministry of Health and the regional Area Associations to develop a comprehensive consultation plan for the Healthy Families BC Communities Initiative;
- write Minister McNeil to express an interest in receiving updates on their Strategy to address child poverty; and
- renew the Memorandum of Understanding with BC Parks and Recreation Association.

## Community Economic Development

The Committee reported out on the matters discussed including policy related to energy, forestry and aquaculture. The Committee also received an update on the Off Road Vehicle Management Framework initiative, received correspondence from Port Alberni on the Province's analysis of log export policy options and received a delegation from David Craig, an energy policy consultant.

The Committee made the following recommendations:

- write to the Minister of Forests, Land and Natural Resource Operations enquiring about the lack of representation on the Forest and Range Practices Advisory Council from the recreation and environmental stewardship sectors;
- write a letter to the Minister of Forests in response the Ministry of Forests Analysis of Log Export Policy Options advising of:
  - UBCM interest in the Analysis of Log Export Policy Options;
  - encourage the Minister to engage communities in this analysis;
  - convey to the Ministry UBCM's policy with respect to log exports; and
  - advise the AVICC and Port Alberni of our actions;

- write to the federal fisheries minister to enquire about the proposed consultations with local governments in the development of integrated management plans for aquaculture; and
- write to the ADM of Agriculture to seek clarity on jurisdiction with respect to aquaculture matters.

### Community Safety

The Committee reported out on a number of files including:

- a detailed discussion on the input from local governments on the Terms of Reference for the RCMP Contract Management Committee and that the creation of an RCMP Contract Management Committee was seen as a positive step by local governments.
- discussed information provided by the Alberta Urban Municipal Association (AUMA) to its members on the new RCMP contract. The Alberta government has indicated to the federal government that it is prepared to sign a new RCMP agreement. However, the federal government has not agreed to sign-off on the Alberta proposal for a new RCMP agreement at this time.
- reviewed a report on the potential impact of climate change on community land use planning in coastal communities and the impact on local diking systems. The report suggested that local governments could see ocean levels rise 1 metre or more and also see an increase in storm surge activity along coastal communities.
- discussed the new regulations being proposed by Health Canada around the Marihuana Medical Access Program. The federal government is proposing to change the rules so that under the new program personal-use and designated-person

production licences would be phased out and individuals would no longer be able to grow marihuana for medical purposes in their own homes and communities, which would appear to address a number of local government concerns related to the current program.

The Committee made the following recommendations:

- approve the Terms of Reference for the British Columbia Local Government RCMP Contract Management Committee and direction to work with the provincial government in establishing the Committee; and
- authorize the UBCM President to appoint the local government representatives to the British Columbia Local Government RCMP Contract Management Committee.

### Resolutions

Mayor Gaetz presented the Resolutions Committee's comments and recommendations on the 217 resolutions received by the June 30 deadline, as well as one special resolution and one extraordinary resolution. In addition, she advised that the Committee had discussed feedback from the SILGA Executive about the resolutions process at the 2010 UBCM Convention; criteria and procedures for deployment of an electronic voting system; an Extraordinary Resolution to amend the UBCM Bylaws to allow for electronic voting on resolutions at Convention; and a Special Resolution on the Marihuana Medical Access Program.

The Resolutions Committee made the following recommendations:

- use the electronic voting system in place of standing votes, with the Chair able to decide whether or not to deploy the



electronic voting system, but only once the membership has first voted on a resolution by a show of voting cards;

- in accordance with the current practice for standing votes, once the decision on an electronic vote has been announced, UBCM will not retain information on the number of votes for or against a resolution;
- finalize wording of the Extraordinary Resolution to go forward to Convention, to amend the UBCM Bylaws to allow for electronic voting;
- approve wording of Special Resolution SR1, Medical Marihuana, as recommended by the Resolutions Committee; and
- approve the Resolutions Committee recommendations on the resolutions submitted to UBCM for consideration at the 2011 Convention.

### **Meeting with Mayor Peter Fassbender, UBCM Representative to the RCMP Contract Provincial Negotiating Team**

**M**ayor Fassbender updated the Executive on the RCMP Contract negotiations. He stated that the Honourable Shirley Bond, Minister of Public Safety and Solicitor General had met with the federal Solicitor General Vic Toews to discuss the current status of the RCMP contract on June 24, 2011. Minister Bond had written the federal Solicitor General outlining the province's views on the negotiations. The Minister highlighted the need to establish a governance framework that will support a new era of partnership and the need for better operation and financial accountability in order to ensure taxpayers that they are getting the most effective and efficient police service possible. The Province also highlighted the need

for cost containment measures, particularly as it relates to the transfer of additional costs onto the contract jurisdictions.

He reported that a meeting of provincial/territorial Assistant Deputy Ministers was held on May 17th to 19th to discuss the direction and strategy of the RCMP Contract renewal negotiations going forward, particularly in view of the recent announcement by Alberta that it has endorsed a new contract for RCMP services. A meeting of provincial/territorial Deputy Ministers was held on June 23<sup>rd</sup> and 24<sup>th</sup> to finalize the strategy before further negotiations are held with the federal government on the RCMP Contract. A common letter would be sent from each of the provincial/territorial governments, still involved in negotiating further changes to the RCMP contract, to the federal government outlining the key issues that still need to be addressed. The provincial/territorial governments intended to table a new proposal with the federal government in the near future.

Mayor Fassbender indicated that the negotiations process was put on hold during the recent federal election. No date has been set for the resumption of RCMP contract negotiations between the Federal government and the Provincial/Territorial governments.

A discussion on the RCMP contract took place between the UBCM Executive and Mayor Fassbender. The Executive discussed the alternatives to signing a new RCMP agreement. The Executive members discussed the current status of the negotiations and indicated their support for the letter that Minister Bond had sent to the federal government. The UBCM Executive highlighted concerns over the cost of the current contract (i.e. health benefits, training, equipment etc.) and the need for increased accountability by the RCMP to the community in the police services that it delivers.

### Meeting with Hon. Ida Chong, Minister of Community, Sport and Cultural Development

**H**onourable Ida Chong, along with senior staff from the Ministry, updated the Executive on the Municipal Auditor General (MAG) file. The Minister indicated that she was responsible for implementing the Premier's MAG commitment and that she wanted to seek input from local governments to help with the design of the Office of the MAG. The Minister stated that a MAG was not intended to question local government accountability to the public, but rather to find best practices that could be highlighted.

Following opening comments by President Steele and Minister Chong, Mr. Don Fast, Deputy Minister, provided a brief overview of the Ministry's findings to date. During the presentation, Mr. Fast indicated that the Minister

intended to survey all local governments prior to Convention, in order for the results of the survey to inform the design of a Convention session on MAG requested by the Minister. The meeting then continued with a discussion between the Executive and the Minister.

The Executive decided to:

- provide a briefing document to the membership as soon as possible, in order to provide context to the proposed MAG survey from the Minister; and
- continue work on a Policy Paper on MAG to seek specific policy direction on a MAG from the membership at Convention.

On July 28, UBCM distributed a Member Release and the Municipal Auditor General Context Paper to all local governments. Both provided additional background and discussion related to the meeting between Minister Chong and Executive, along with UBCM research to date.

### **Convention Registration Reminder**

Please note the early bird registration is fast approaching -  
**August 12, 2011**

go online to:  
**[www.ubcm.ca](http://www.ubcm.ca)**

*to register for the*  
**2011 UBCM Convention**  
**September 26 - 30, 2011**



Canadian Office and Professional Employees Union Local 378  
2nd Floor, 4595 Canada Way, Burnaby, BC V5G 1J9

TEL 604-299-0378 TOLL FREE IN BC 1-800-665-6838 FAX 604-299-8211 [www.cope378.ca](http://www.cope378.ca)

Village of Port Clements  
Box 198  
Port Clements, BC V0T 1R0

August 17, 2011

Dear Mayor and Council,

I am writing to you as the president of COPE 378, the union representing the meter readers who will be put out of work by Smart Meters, to ask your council/board to consider speaking out on the negative impacts of Smart Meters to your region and other communities across the province. It is our understanding that this issue will be coming up at UBCM in September and we wanted to take this opportunity to discuss it with you.

While you have likely heard debate on the health and environmental impacts and concern about privacy issues, there is one further key impact I am urging elected officials to consider while reviewing the Smart Meter Initiative – the loss of nearly 400 jobs in communities around this province.

Since the Smart Meter Initiative was introduced in 2007 our meter readers have faced an uncertain future. It's far past time they were given answers that will allow them to plan for their jobs and their families. But COPE 378 has been trying to get answers and a plan for these people from BC Hydro, Accenture (the outsourced arm of BC Hydro which employs the meter readers) and the provincial government for over four years – without success.

Among all the other issues that come with Smart Meters – from time-of-use billing and higher hydro rates to mandatory participation – these impacts are the most immediate and measurable. Meter readers have been told to expect layoffs in February of 2012. This potential job loss is in addition to the recently proposed layoffs at BC Hydro and the loss of another 800 jobs at Accenture (a contracting arm of BC Hydro). These layoffs will have a devastating impact on families and communities across BC.

Our members need answers to the following questions. I hope you will consider adding them to your queries about Smart Meters.

- What are BC Hydro, Accenture, and the provincial government doing to make sure meter readers are retained? What plans are there in place to retrain the existing workers for this new technology?
- Why has BC Hydro given \$75 million to the private company Corix to install these meters? Altogether the cost of the Smart Meter Initiative approaches \$1 billion. Given BC Hydro's current financial situation, can we afford this cost?

Dear Mayor and Councillors,

Smart meters have been put on the agenda of the UBCM conference this year at the request of the City of Colwood. Attached is information which is intended to give you a general overview of the concerns that are being raised across the province, as well as across North America.

Under the Clean Energy Act 2010 it was mandated that every home, apartment and business in BC would have a smart meter and the BC Utilities Commission was excluded from any participation in the decision or oversight over the implementation plan. While ITRON, the company chosen as manufacturer of the meter makes hard wired meters that can use phone or cable lines, BC Hydro has chosen to install only wireless meters.

The public is being given no choice in this matter. Even people diagnosed with serious health problems which would be exacerbated by exposure to the radiation emitted by the wireless meters, such as impaired immune systems, Multiple Sclerosis, or neurological disorders such as epilepsy, are being forced to have meters put on their homes.

Smart meters have been installed in several US states and in Ontario and we should be benefiting from their experiences. Many serious problems have been reported consistently, regardless of the location or brand of meter. It follows that these same problems will be experienced here in British Columbia if we do not take proper heed.

1) **Health.** Contrary to what the government and BC Hydro report, the microwave radiation that is emitted is extremely high during the signal 'spikes' which occur several times a minute every day all day. People are being exposed to these high doses of microwave radiation within their homes from their own meters, and from their neighbours' meters which are signaling to distant receivers. This is the same type of radiation recently classified as a 2b carcinogen by the World Health Organization. Other 2b carcinogens are DDT, lead and industrial chemicals.

2) **Increased utility bills.** More than 80% of smart metered homes in Ontario report significantly higher monthly bills, often more than 50% higher than prior to smart meter installation. In California many report bills doubling and tripling. This is without any change in utilization patterns.

3) **Privacy.** Meters keep records of personal daily use, recording what appliance is being used and when. Companies in the US have declared these records propriety information and have sold it to marketing companies, insurers and others. This truly is an invasion of privacy in the worst way.

4) **Security** Wireless technology is notoriously insecure and can be easily hacked into. Hackers can access private information, determine by usage patterns when homes are unoccupied, or even interfere with the delivery of electricity.

C-12(b)

5) **Harmful interference**. Smart meters interfere with household electrical appliances, even medical devices and home security systems, often causing them to malfunction or damaging the appliance itself.

6) **Safety** Smart meters have exploded and many smart meter-related fires have been reported, most recently a major fire in Santa Rosa, California where several businesses were severely damaged. The fires are believed related to smart meters interfering with Arc-fault circuit interrupters. Several lawsuits are pending in California. Some fires are reported to be as a result of poor installation done by inadequately trained installers. Corix, the company contracted to replace our analogue meters with these wireless meters, is not hiring electricians but rather unskilled workers, with only 2 weeks training.

7) **Conservation** No energy is conserved by the meter. It merely reports usage, as does an analogue meter. Unless the user is educated on conservation techniques no reduction in utilization will occur. The smart meter contributes in no way to conservation – this is a false premise. It is the educated user that is key and the same reduction could be realized with the current safe, efficient analogue meter.

8) **Program cost** A major concern of almost British Columbians is the cost of the program – more than \$1 billion. We cannot afford a program which has no benefits and most likely no cost recovery potential. Better to spend this money on technology or products that **will result** in reduced energy utilization, such as better insulation, more efficient windows or furnaces, or solar panels. Not only are such investments well worth the money spent, they also would generate good, permanent jobs in our province.

9) **Environmental Hazard** Each meter contains up to 1000 mg of pure mercury, which the Federal Government will be banning in most products next year. The smart meters in BC will contain in total 1-1.5 metric tonnes of a bio-hazard which eventually will end up in our rivers and streams. In addition, in the event of fire, mercury vaporizes into a bio-toxin.

According to Bill 23-2008 of the British Columbia Public Health Act, section 83 (1), a municipality **must** take action when it learns of something that could be harmful to its residents. It must notify the Minister of Health or take immediate action. As of Aug. 28, 2011, 13 municipal and district councils have passed motions to write to the Minister of Health and, due to the potential for wireless smart meters to cause harm or to compromise security, requested a moratorium on mandatory installations of wireless meters. Most councils also requested that concerned residents be offered safer alternatives at no cost to them.

As Director of a provincial coalition comprised of persons from across BC, I am asking you as representatives of your constituents at the UBCM conference to support this motion when it comes to a vote. The united support of our local governments will send a strong message to the provincial government that, in keeping with recent Supreme

Court of Canada decisions, local councils are in the best position to determine where the interests of their residents lie because they are closest to the problems.

Should you have any questions about anything included with this email, please contact me directly.

Yours sincerely,  
Sharon Noble  
Director, Coalition to Stop Smart Meters  
[www.stopsmartmetersbc.ca](http://www.stopsmartmetersbc.ca)  
[dsnoble@shaw.ca](mailto:dsnoble@shaw.ca)

# There goes the neighbourhood...

## FACTS about Smart Meters – mandated to be installed on your home without your consent

### BC Hydro started installation July 4, 2011

The Clean Energy Act of May 2010 mandates that BC Hydro replace every meter with a 'Smart Meter' by 2012. Section 17 specifies that installation can be done **"without the consent of the owner."** There has been no normal process for public input. The Act strips the BC Utilities Commission of the power to review the project.

### Electromagnetic radiation (EMR) from 'Smart Meters' is 24/7 and is a known public health hazard...

- Smart meters have been installed in several US states and in Ontario. Many people are reporting ill health effects soon after these meters appear. Serious problems, including fires and voltage spikes which destroy appliances, have been reported consistently.

- BC Hydro is misleading the public. They claim that the signals will total 1-5 minutes a day. In fact, because the transmissions are calculated in milliseconds, this actually means your meter can transmit 13,000 times or more per day.

- BC Hydro has stated that 20 years' exposure to a Smart Meter is the same as 30 minutes on a cellphone. It appears that BC Hydro is comparing whole body average exposure from Smart Meter radiation to peak exposure to the ear for the cellphone. One needs to compare apples and apples, or whole body exposures to whole body exposures. Comparing the peak dose to the ear from a cell phone, when the rest of the body gets vastly less radiation, with a whole body exposure where all organs get roughly the same dose from a Smart Meter, doesn't seem appropriate. Dr. Daniel Hirsch, UCSC, states: "...the cumulative whole body exposure from a Smart Meter at 3 feet appears to be approximately two orders of magnitude higher than that of a cell phone."

- Collector hubs and Home Area Network transmissions add to the electromagnetic pollution in our home, neighbourhood, and natural environment. You'll be receiving constant radiation not only from your own meter, but from all of your neighbours' meters as well.

- BC Hydro misleads again. They say ITRON meters must be wireless, and **you have no option**. YET, the makers of ITRON clearly state in their patent and elsewhere that there are other options to radiofrequency, including wired. Watch ITRON's video at minute 3:05 to see for yourself - <http://ow.ly/5FUr>

- Smart Meter EMR exposure is non-consensual. Most EMR exposures (i.e. from household or personal wireless devices) are optional. **BC Hydro is undemocratically mandating a recognized Class 2B Carcinogen be added to your house through an essential service.**

**Together, we have the power to stop this.**

### Bio-hazard: MERCURY

Each smart meter contains a switch with at least 1000mg. of pure imported mercury. Total amount of mercury in all Hydro smart meters across BC will be 1.2-1.8 metric tonnes. When ignited, as in a house fire, mercury vaporizes into a deadly bio-toxin. Imported mercury will be banned by the Canadian Fed. Gov't by 2012.

Source: Environment Canada's Head of the Mercury Department, Megan Lewis. <http://ow.ly/6gcV0>



**The World Health Organization/International Agency for Research on Cancer (IARC) classifies radiofrequency electromagnetic fields as possibly carcinogenic to humans (Group 2B).**

*Lyon, France, May 31, 2011*

### Work Safe BC, Workers Compensation Act Occupational Health and Safety Regulation

5.57 (1) If a substance identified as any of the following is present in the workplace, the employer must replace it, if practicable, with a material which reduces the risk to workers:

(a) ACGIH A1 or A2, or IARC 1, 2A or 2B carcinogen;



*(PG&E is the California equivalent of BC Hydro)*

[emrabc.ca](http://emrabc.ca)

[citizensforsafetechnology.org](http://citizensforsafetechnology.org)

[stopsmartmetersbc.ca](http://stopsmartmetersbc.ca)

## OTHER ISSUES TO CONSIDER:

### Increased Consumer Hydro Costs.

In Ontario, more than 80% of smart metered homes report significantly higher monthly bills, often more than 50% higher than prior to smart meter installation. In California many report bills doubling and tripling. This is without any change in utilization patterns.

### Questionable Math.

BC Hydro claims that spending \$1 billion on smart meters will save \$500 million in electricity theft (due to grow-ops) over twenty years -- a business case that any grade-schooler would question. We cannot afford a program which has no benefits and most likely no cost recovery potential. The meters will need to be replaced in 20 years, around the same time they have been paid for.

### Conservation.

No energy is conserved by the meter-- this is a false premise. It merely reports usage, as does an analog meter. Unless the user is educated on conservation techniques, no reduction in energy consumption will occur. A better investment would be to educate energy reduction strategies with the current safe, efficient analog meter. Invest in products or technology that will further result in reduced energy use, eg. better insulation, more efficient windows and furnaces, or solar panels. These are investments that will generate safe, permanent jobs in our province. All wireless systems actually throw away energy, and are not green solutions.

### Invasion of Privacy.

Meters keep records of personal daily use, recording what appliance is being used and when. Companies in the US have declared these records proprietary information and have sold it to marketing companies, insurers, police and others. Is this information you want shared? See this video on privacy issues: <http://ow.ly/5FUpH>

### Security.

Wireless technology is notoriously insecure and can be easily hacked into. Hackers can access private information, determine by usage patterns when homes are unoccupied, or even interfere with the delivery of electricity.

### Harmful interference.

Smart meters interfere with household electrical appliances, even medical devices (ie. pacemakers) and home security systems, often causing them to malfunction or damaging the appliance itself.

### Safety.

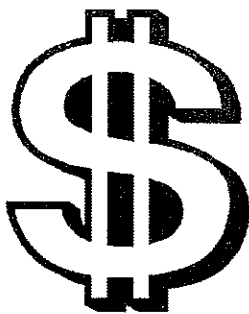
Smart meters have exploded and many smart meter-related fires have been reported, most recently a major fire in Santa Rosa, California where several businesses were severely damaged. Several lawsuits are pending in California.

### The Hidden Agenda.

The key reason for smart meters is huge profits for the information and communications technologies sector - IBM, Cisco, General Electric, Oracle, ITRON, etc. The mass installation of Smart meters is designed to benefit corporations, not you. This has nothing to do with conservation and everything to do with collusion.

### Removal of our Watchdog.

B.C. Utilities Commission (BCUC) is the regulatory body with the responsibility to safeguard our interests. Yet the Government's Clean Energy Act (2010) exempts the \$1 billion smart meter program from BCUC's oversight. BCUC was not allowed to fulfill its job of reviewing and approving a business plan. Neither were there public hearings. The MLAs were given no opportunity to debate the program or to review a cost benefit analysis. There is no oversight, no control of this major program. The big question is: Why was this billion dollar project made exempt? (See the Tyee.ca articles on Smart Meters by McMartin/McMillian)



## Health Concerns

Electrohypersensitivity (EHS), originally known as microwave sickness, is receiving international recognition as an emerging public health problem. The Canadian Human Rights Commission, the Americans with Disabilities Act and our Canadian Government now recognize EHS as an Environmental Sensitivity.

Surveys in Canada and Europe show that about 3% of people are severely sensitive to EMR, and another 35% experience moderate to mild sensitivity. This number is increasing steadily as more wireless devices proliferate our environment.

People are getting sick when 'SmartMeters' are connected to their electrical systems. Symptoms from 'SmartMeters' reported in Ontario and the U.S. include: ■ difficulty sleeping ■ headache ■ dizziness ■ ear pressure & tinnitus ■ brain fog ■ memory problems ■ difficulty concentrating ■ weakness & fatigue ■ skin burning ■ agitation ■ nausea/vomiting ■ heart palpitations ■ seizures.

Increasing scientific evidence shows possible long-term systemic health effects including: cancers, memory impairment, double-strand DNA damage, blood-brain barrier leakage and learning difficulties.

emrabc.ca

**Residents of OUR own  
neighbourhood suffer with EHS**

## TAKE ACTION!

It is urgent that we, as neighbours and parents, all take action to protect ourselves and our families.

**Call BC HYDRO today (1-800-224-9376).**

Demand your BC HYDRO account be flagged as "Do Not Install SmartMeter". BC Hydro reps may tell you this is not possible. They will try to convince you SmartMeters are safe and beneficial, and they are NOT. Persevere and be insistent.

Confirm with a registered letter (see [citizensforsafetechnology.org](http://citizensforsafetechnology.org) under Smart Meter Action Kit) & email to [smartmeters@bchydro.com](mailto:smartmeters@bchydro.com).

## Contacts

Premier Christy Clark • [premier@gov.bc.ca](mailto:premier@gov.bc.ca)

Rich Coleman, BC Energy Minister  
250-387-5896 • [emh.minister@gov.bc.ca](mailto:emh.minister@gov.bc.ca)

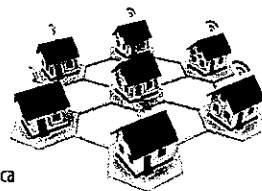
John Horgan, NDP Energy Critic  
250-391-2801 • [john.horgan.mla@leg.bc.ca](mailto:john.horgan.mla@leg.bc.ca)

Your MLA and City council members • [www.civinfo.bc.ca/t1.asp](http://www.civinfo.bc.ca/t1.asp)

Perry Kendall, Prov. Health Officer • 250-952-1330 • [perry.kendall@gov.bc.ca](mailto:perry.kendall@gov.bc.ca)

BC Hydro • 1-800-224-9376 • [smartmeters@bchydro.com](mailto:smartmeters@bchydro.com)

Sharon Noble, Chair, CAUSE (Citizens Against UnSafe Emissions) • [dsnoble@shaw.ca](mailto:dsnoble@shaw.ca)



*The Public Health Act of British Columbia Bill 23-2008, Section 83 (1):*

**A municipality must take action when it learns of  
something that could be harmful to its residents.**

**Call to Action: Insist our municipalities notify the  
Minister of Health of the dangers associated with  
Smart Meters, and demand a moratorium until a  
safe alternative is found.**



# Separating Fact from Fiction

## Commonly-made statements: what's the real story?

**1 – FICTION?** *"Smart meters will not be a security or privacy risk because they will have encryption just like the banks use."*

**FACT:** Banks are now refusing to use wireless in their systems. Encryption is of little comfort when one realizes that the International Monetary Fund, a banking institution, suffered private information losses due to hacking, as recently did a leading computer security firm, Lockheed Martin. Wireless utilities will undoubtedly be attractive to all levels of hackers. Money spent on tracking and protecting against security breaches will be substantial, and paid for by the ratepayer. There is no such risk from a wired or analog system.

<http://ow.ly/638PD>

**2 – FICTION?** *"The recent W.H.O. 2B classification for RFR is the same for coffee and pickled vegetables."*

**FACT:** Dr. Perry Kendall, the chief medical officer of British Columbia, has made this statement many times, even on the Health Ministry's website (<http://ow.ly/638SD>). Science shows that drinking excessive amounts of coffee can lead to increased



risk of bladder cancer, which is an extremely serious matter for many people. The WHO classification for pickled vegetables is isolated to Asia, where certain pickling agents caused serious health consequences. The Class 2B possible human cancer risk includes DDT, lead, diesel and fuel oils, chloroform, methylmercury compounds, and many other noxious agents.

Most people want to control the risks and have the freedom to choose, not suffer forced exposure from an agency that decides profit warrants the risk. Comparing radiation from wireless devices such as smart meters to coffee and an Asian pickling agent is minimizing the risks of radiofrequency electromagnetic fields in an attempt to support the exposure of all people and families to a known possible cancer promoting agent. All this in the name of business and profits.

**3 – FICTION?** *BC Hydro States: "BC Hydro's smart meters do not contain mercury."*

Mora Scott, August 23, 2011, e-mail correspondence to H. Karow

**FACT:** Mercury is a known Bio-Hazard and one of the worst neurotoxins on earth. In 2012, imported mercury will be banned by the Federal Government.

According to Itron's manual each smart meter contains a cylinder switch with mercury. The Head of Environment Canada's Mercury Section estimated that the amount of mercury in this switch to be at least 1000 mg. This compares to 3-5mg. in a CFL light bulb. Milt Bowling in Health Action Network quotes US Sen. Mike Enzi as reporting that the mercury from one CFL bulb is enough to contaminate 6000 gallons of water beyond safe drinking levels set by the US Environmental Protection Agency.

BC Hydro will be installing about 2 million meters with a total of more than 1.5 metric tonnes of mercury. Using Sen. Enzi's figures, this would contaminate 6 trillion gallons of drinking water, or enough water to fill the Great Salt Lake in Utah. Just in BC alone, the electrical utility will be faced with disposing of enough mercury to contaminate the annual kitchen and drinking water consumption that 33 million Canadians (the total population) would use over 55 years.

(source [www.hans.org/162-smart-meters-big-brothers-trojan-horse](http://www.hans.org/162-smart-meters-big-brothers-trojan-horse))

As if this weren't enough to cause concerns about the mercury in smart meters! When ignited, as in house fires, mercury vaporizes into a deadly bio-toxin. Fire chiefs have been notified that in the event of a fire involving smart meters, mercury vapors will be present and protocols specific to hazardous materials would apply. Some home insurers do not cover this type of contaminant, so each home owner should check with his company. [www.bclocalnews.com/opinion/127280473.html](http://www.bclocalnews.com/opinion/127280473.html)

**Smart Meter raises concern for children and pregnant women**

Published: August 09, 2011

**See Itron's Radio Based Endpoint Disposal Manual**

[www.itron.com/na/resources/AndSupport/Pages/Support-Tools-Documents.aspx](http://www.itron.com/na/resources/AndSupport/Pages/Support-Tools-Documents.aspx)

continued



# Separating Fact from Fiction

## 4 – FICTION? *"The Smart Meter Program ensures privacy is protected."*

**FACT:** As reported in "Innovation Canada", by monitoring your power use, utilities get to know more about your household routines than you'd like them to. An amazing amount of detailed information can be gleaned from simple wattage measurements. Each appliance in your house causes a telltale fluctuation in power, and websites such as PlotWatt and EnerSave can analyze the output of a home power monitor to see how often you run a specific appliance and when it is being used. For example, usage patterns can indicate when the home is vacant or when the occupant is sleeping. Imagine what marketers (let alone burglars) would pay for that information. Currently in the US there are reports of this private information having been sold to marketers, insurance companies and police. The utility company considers this information its property and, therefore, can do with it what it wishes without the consent or knowledge of the individual.

Then there are the systemic threats. As electrical engineer David Nicol warns, the "smart grid"—the networking of control systems of generators and substations—is a veritable playground for mischief-makers. A government cyber war exercise in 2007, shown vividly in footage obtained by CNN, caused a generator to self-destruct. In effect the generator was forced to fight the raw mechanical power of the rest of the grid, and lost.

<http://ow.ly/638Qe>

## 5 – FICTION? *BC Hydro States: "Radio frequency signals from smart meters are much lower than the signal from common every day devices such as radios, baby monitors and even the spark plugs in your car, so it must be safe."*

[www.bclocalnews.com/kootenay\\_rockies/nelsonstar/opinion/letters/118195894.html](http://www.bclocalnews.com/kootenay_rockies/nelsonstar/opinion/letters/118195894.html) - Mora Scott, BC Hydro

**FACT:** Radios are receivers. They do not radiate. Wireless smart meters are receivers and transmitters. They do radiate. Wireless baby monitors are transmitters and do radiate, but they are optional and can be turned off. Wireless smart meters are not optional and cannot be turned off. They radiate 24/7.

Spark plugs are not receivers or transmitters, and neither do they radiate. They are not in the same realm.

On May 31, 2011, the World Health Organization reclassified all emissions from radiofrequency electromagnetic fields as possibly carcinogenic to humans. (<http://ow.ly/63Bxp>)

Further, new science is exposing a cumulative dose response relationship – the more prolonged exposure received, the greater the risk of developing ill health effects.

[www.springerlink.com/content/387360gh0715nu01/](http://www.springerlink.com/content/387360gh0715nu01/)

Cigarettes used to be everywhere, but they were never safe. The

same situation exists today with regard to wireless devices of all kinds, which also includes cordless phones. The decision to use baby monitors or cordless phones in your home is still under your own care and control. Nobody is forcing you to use these devices, and you can choose to turn them off or replace them with safer, wired models at will any time. Exposure is not forced and involuntary. This is not the case with wireless emissions from smart meters on your home. Once these wireless meters are installed, you are not in control and cannot switch them off or have them removed if you wish to avoid health risks associated with exposure to microwave radiofrequency radiation.

## 6 – FICTION? *"Health Canada and others tell us the weight of evidence shows no indication of harm to health from any low energy wireless devices (microwave radiofrequency radiation)."*

**FACT:** This statement is based on a numerical comparison of how many scientific studies show biological effects and how many studies show no biological effects. Dr. Henry Lai of the University of Washington has analyzed scientific outcomes, and has found that only 25% of industry funded studies find biological effects, while 75% of non-industry funded studies find biological effects. The fact that the weight of evidence is tipped in favour of no biological outcomes is a reflection of how many studies are funded by the wireless industry, which has the most to lose. Dr. Jerry Phillips, University of Colorado, states that using scientific papers to cancel out one another is unscientific and deprives us of the opportunity to learn more about the risks of exposure.

There are now a number of comparative studies that show a correlation between how the research was funded and the results obtained. This situation illuminates the serious conflicts of interest which undermine the integrity and objectivity of all scientific research funded by the wireless industry.

Consideration must be given to the fact that many independent studies show harmful effects. If something is safe, there should be no evidence of harm. Health Canada's assertion leads one to believe that those studies reporting harm should be ignored merely because they are outnumbered.

## 7 – FICTION? *"Non-Ionizing Radiation doesn't have the energy required to break or damage DNA."*

**FACT:** The purpose of science is to increase knowledge and understanding. It is never static. While it is unlikely non-ionizing microwave radiation damages DNA directly, numerous peer reviewed and published scientific studies show damage can be caused indirectly. Here is a quote from the Explanatory section of the Council of Europe Parliamentary Assembly's resolution dated May 27, 2011:

*"A major programme of research into the specific features of these*

*continued*



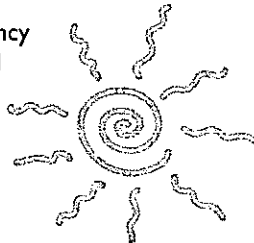
# Separating Fact from Fiction

effects such as genotoxicity of waves (REFLEX programme), funded by the European Commission and involving 12 European research teams, was launched and the results were made public in December 2004. The conclusions of the report were disturbing on several counts as the results bore out genotoxic effects of mobile telephone waves, and in particular greater frequency of chromosomal deletions and breakup of DNA molecules in different types of cultivated human and animal cells. In addition, stress protein synthesis was greatly increased and gene expression was modified in various types of cells."

**8 – FICTION?** *"Radiofrequency radiation (RFR) is part of the electromagnetic spectrum just like the sun ... In fact, exposure to the sun's radiation is probably more harmful."*

**FACT:** The radiation emitted by the sun falls into the categories of visible light, infrared and ultraviolet in the electromagnetic spectrum and is a natural part of our universe, to which human bodies have adapted over eons. Man-made wireless signals in the microwave range of the electromagnetic spectrum are pulsed, ultra-high frequency emissions, released in bursts, at regular intervals, in very rapid succession. Imposed on these pulsed, ultra high frequency microwaves are extremely low frequency (ELF) modulations of the radiofrequency carrier waves. Carrier waves transport data and are also referred to as Information Carrying Radio Waves.

These unnatural microwave radiofrequency radiation emissions cannot be compared to the naturally occurring and biologically compatible radiation produced by the sun.



The sun's radiation does not penetrate buildings, allowing escape from its heat or damaging effects. Further, we can take many precautions to protect ourselves from the sun, and forced, involuntary exposure is not part of our society. Man-made radiation does penetrate buildings, and bodies, leaving no refuge from its damaging effects. The sun goes down at night, allowing the body time to recover and rest. Man-made radiation from smart meters emits all day and all night.

**9 – FICTION?** *"Power density of summer sunlight at the earth's surface is 100,000 microwatts compared to 0.01 microwatts, a smart meter's power density at 10 feet."*

**FACT:** This statement in BC Hydro's Business Case is intended to make us believe that the sun is more dangerous than the smart meter. This is incorrect and misleading. The 100,000 microwatt figure actually refers to the total solar radiation at our latitude for frequencies between near infrared

and ultraviolet radiation, the so-called optical window. The actual levels of the solar emissions in the radiofrequency range reaching the earth used in scientific literature are somewhere between 0.000000001 microwatts (stormy sun) to 0.00000000001 microwatts (quiet sun). If the smart meter's radiation figure given by BC Hydro can be believed, the smart meter's radiation is at least 10 million times higher than the natural level of radiation that all life evolved in and which our bodies are used to.

( Barnes FS, Greenebaum B, editors. 2006. Bioengineering and biophysical aspects of electromagnetic fields. 3rd ed. Boca Raton: CRC Press; p. 3.)

**10 – FICTION?** *"The radiation from wireless devices doesn't penetrate the skin."*

**FACT:** Dr. John Blatherwick, BC Hydro's medical advisor and former provincial medical officer, has said this repeatedly. This statement is totally incorrect, as microwave radiofrequency radiation penetrates all living things and most inanimate objects. If radiation cannot penetrate skin, how does the signal go through concrete to your cell phone in buildings or to your wireless computer at work? How could your smart meter send messages through your neighbours' homes to the receiver perhaps many blocks away? Given that human bodies are largely water and are highly receptive to microwaves, we make ideal antennas.

<http://ow.ly/63CmA>

**11 – FICTION?** *"A wired meter on your house will cost \$35,000"* <http://www.youtube.com/watch?v=8qRLwDfGPQo>

**Fact:** Various choices are available from different utility companies, but most offer a wired option. The Itron Smart

Meter is used in Ontario. Toronto Hydro will provide a wired smart meter that uses a land line free of charge. The only cost to the customer is the monthly charge for a dedicated phone line (\$25.90 from Bell Canada). Ontario Norfolk Power set up & shop-tested three wired meters at no cost to for a local sufferer of electrohypersensitivity, awaiting their purchase of line splitters so existing phone lines could be used. In Illinois, there is a one time cost of \$68.35 and a monthly fee of \$24.75 for manual meter reading. Maine has two choices for wired meters: A smart meter with the transmitter off is an initial charge of \$20 and monthly charge of \$10.50, or the customer can keep the existing analogue meter for a one time charge of \$40 and a monthly charge of \$12.00.

Idaho Power's Smart Meter standards all hard wired. These meters are hooked up to the home power lines, the same lines that bring the power in are the same lines that send the information to Idaho Power. This is a simple system that has none of the risks of wireless exposure and there is no meter to meter communication, or wireless infrastructure required. Homeowners in Idaho feel safe and secure with this system, and Idaho Power is not wasting time

# Separating Fact from Fiction

or money dealing with people trying to protect their rights.

This is the kind of system that would work well in British Columbia and immediately halt the costly and time consuming challenges in rolling out the Smart Meter program as well as protecting people, homes and the environment.

There are different choices depending on the utility company, but most offer a wired meter option. The Itron Smart Meter is used in Ontario, and Toronto Hydro will provide a wired smart meter that uses a land line if you will provide a separate, dedicated Bell Canada telephone line for the meter. The on-going monthly cost of \$25.90 relates to the cost of the Bell Canada line. At no charge, Ontario Norfolk Power set up & shop-tested three wired meters for a local sufferer of electrohypersensitivity, awaiting their purchase of line splitters so existing phone lines could be used. In Illinois, there is a one time cost of \$68.35 and a monthly fee of \$24.75 for manual meter reading. Maine has two choices for wired meters: A smart meter with the transmitter off is an initial charge of \$20 and monthly charge of \$10.50, or the customer can keep the existing analogue meter for a one time charge of \$40 and a monthly charge of \$12.00. In California, Pacific Gas and Electric have an opt out program for those who refuse wireless Smart Meters. Customers costs include an upfront fee of \$135 with a monthly charge of \$20, or a one time fee of \$270 and monthly fee of \$14. This is now being legally challenged and the California Public Utilities Commission is discussing details of "no cost opt out" proposals.

**Itron Sentinel on a home in Ontario** <http://emrabc.ca/?p=2936>

**Phone Line Connections** [http://emrabc.ca/?page\\_id=3496](http://emrabc.ca/?page_id=3496)

## 12 – FICTION? *"The radiation from a "smart meter" over the course of one year will be less harmful than using a cell phone for half an hour."*

**FACT:** BC Hydro has estimated that exposure to the head from using a cell phone is up to 10,000 microwatts per cm<sup>2</sup> (BC Hydro Smart Meter Business Case). This is 10 times higher than that allowed by our outdated Safety Code 6 which protects against thermal effects only and has no provision to protect against

non-thermal biological effects known to occur.

Comparing close head exposure, which is far above our own safety regulations, with whole body exposure is like comparing apples to oranges. Daniel Hirsch, senior lecturer and expert on nuclear policy at UCSC, explains that he has analyzed the exposure



comparison and he concludes that smart meter exposure is actually 100 times greater than that of a cell phone.

[www.youtube.com/watch?v=sN33BtriSaE&feature=share](http://www.youtube.com/watch?v=sN33BtriSaE&feature=share)

Current evidence is still limited and must be further investigated

<http://www.magdahavas.com/2011/06/05/whos-new-classification-of-rfr-what-does-this-mean-for-canada/>

[http://assembly.coe.int/ASP/Doc/ATListingDetails\\_E.asp?ATID=11332](http://assembly.coe.int/ASP/Doc/ATListingDetails_E.asp?ATID=11332)

## 13 – FICTION?

*"People affected by RFR, if indeed there are any, are part of a very small minority."*

**FACT:** Increased numbers of people who are hyper-sensitive to electromagnetic fields are being documented worldwide. Drs. Hallberg and Oberfeld released a report documenting this increase, and, based on steadily increasing rates, they project that 50% of the population will be electrohypersensitive by 2017. ("Electromagnetic Biology and Medicine", 25:189-191, 2006; 190 Hallberg and Oberfeld) Given that Canada has no public health surveillance and monitoring system for those reporting electrohypersensitivity, (EHS) there is no reliable method of determining actual numbers of those affected. People suffering from EHS present a confusing set of symptoms to health care providers such as headaches/migraines, vertigo, heart irregularities, joint & muscle pains, sleep disturbances, concentration and memory difficulties, anxiety and depression. They are most often misdiagnosed and prescribed medications to treat these symptoms without any full understanding of cause. Until proper reporting and investigation procedures are put in place, there is no way of knowing the current situation in Canada. However, it is clear that a growing number of individuals in British Columbia have reduced or eliminated ill health by avoiding exposure to wireless devices.

Science is showing ill health effects are possible as a result of a cumulative, dose response relationship to microwave radiofrequency radiation.

([www.springerlink.com/content/387360gh0715nu01/](http://www.springerlink.com/content/387360gh0715nu01/))

This means that the more people are exposed to all manner of wireless emissions, the greater the likelihood of adverse health effects. For those with EHS, the stakes are highest. Mandatory exposure will represent a significant denial of their human rights as they will be essentially exiled from society, and possibly our province, if the wireless meter plan proceeds. Even for those who have not developed EHS (which can happen to anyone at any time), 'smart' meter emissions would still cause health suppression for our society, as well as a potential loss of productivity and efficiency because of their impacts on energy, behaviour and cognitive health.

BC Hydro is not allowing anyone to opt out of the wireless smart meter program, even those diagnosed with EHS, or those with health problems, such as impaired immune systems.

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# Separating Fact from Fiction

## 14 – FICTION? *"Current evidence is still limited and must be further investigated."*

**FACT:** This is a trick of industry to allow the continued rollout of risky technology without any precautionary measures or warnings to the public. Many scientists are convinced we don't need any more studies because there is enough evidence to justify immediate action to protect the public, as is now being recommended by the 47 member states of the European Council Parliamentary Assembly.

## 15 – FICTION? *"There is no way to provide a wired smart meter option to residential customers."*

**FACT:** There is a growing list of international areas providing wired smart meters to residential customers. One state in the US, Idaho, is installing only wired meters in response to concerns regarding health, fires and privacy. <http://ow.ly/638Ve>

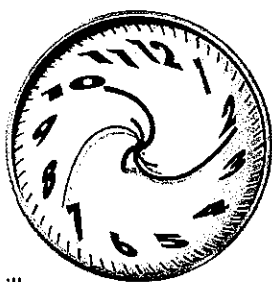
BC Hydro's chief smart meter project officer was quoted as saying that they considered it, but it was too costly. The manufacturer of the Itron Openway smart meter clearly states in all promotional and patent information that the Itron Smart Meter can be wired, and the utility is free to choose the method of connection.

## 16 – FICTION? *"Hydro says that Smart Meters will only transmit for several seconds or a few minutes a day."*

**FACT:** "While the period during which a smart meter transmits data back to BC Hydro will vary depending on the specific metering system use, transmission is expected to last for only a few minutes per day." (BC Hydro's Smart Metering & Infrastructure Business Case).

"BC Hydro said the meters will transmit information ... for an average of only one minute per day." (Times Colonist, June 3, 2011)

The truth is we don't know for how many minutes per day information will be transmitted. BC Hydro tells us that the signals are very short (only milliseconds long). It sounds insignificant, but there are 1,000 milliseconds in a second, and 60,000 in a minute. If each signal is 2 milliseconds long, and the total time each day is only for 1 minute, there will be 30,000 signals, or one every 3 seconds. If the total time each day is 3 minutes instead of 1, there will be 90,000 signals a day, or one every second. The important thing to know is that each of these signals is very powerful, sending out spikes of radiation. These spikes cause harm to cells in our bodies, as researched by scientists such as Dr. Henry Lai of the University of Washington and Dr. Martin Blank of Columbia University.



## **We don't know how many signals will be sent each day, but each one will produce dangerous spikes of radiation.**

Other locations to receive smart meters were also told transmissions would be short and infrequent. Independent testing of the radiofrequency radiation smart meter emissions show that the signals are continuous and constant.

BC Hydro has not provided testing from an active, fully operational system, which would include two-way communication with a smart meter collector device located some distance from the home, as well as the possibility of other houses communicating through smart meter devices to reach the collector unit. No testing is done of exposure from the collector device, nor combined exposure from all wireless devices in the home, as well as exposure from smart meters located on neighbouring homes.

## 17 – FICTION?

### *"Smart Meters and wireless devices are green."*

**FACT:** Anything "green", if truly so, cannot also be of risk to the environment. There is now sufficient scientific literature demonstrating that electromagnetic fields are harmful to the environment. The Parliamentary Assembly of the Council of Europe on May 27, 2011 specifically identified stress reactions and genetic risks to plants, trees, animals and insects, and has this to say:

*"Dr Warnke highlighted the innate magnetic compass used by certain animals or insects to orient themselves in time and space and which dictates the internal functioning of their organism, before going on to demonstrate how extremely weak artificial fields or waves could adversely affect the sense of direction, navigation and communication of certain animals or insects: migratory birds, pigeons, certain kinds of fish (sharks, whales, rays) or certain insects (ants, butterflies and especially bees). He suggested that malfunctions induced by artificial electromagnetic waves might be one of the major causes – besides problems of exposure to chemicals – of repeated incidents of whales being washed up on beaches or the death or disappearance of bee colonies (colony collapse disorder) observed in past years."*

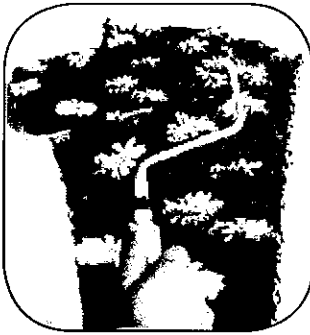
*After analysing the scientific studies available to date, and also following the hearings for expert opinions organised in the context of the Committee on the Environment, Agriculture and Local and Regional Affairs, there is sufficient evidence of potentially harmful effects of electromagnetic fields on fauna, flora and human health to react and to guard against potentially serious environmental and health hazards."*

A single smart meter contains the mercury of about 500 CFL bulbs and the mercury in all the meters being installed in B.C. is about one metric tonne. That is equivalent to half a billion CFL bulbs. Mercury tilt switches have been banned in automobiles since 2003. BC Hydro is bringing in these meters

continued



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just before they are banned in Canada next year, which is definitely not protective of our environment.

Regarding mercury see here: <http://ow.ly/6kb70>

"Greenwashing" masquerading as "green," is dangerous to all aspects of the environment, sabotaging long-term solutions for short term profitability.

All wireless devices throw

away electrical energy, and have a far larger carbon footprint than most of us can imagine. Did you know that one hour of talking on a cell phone every day for a year has the same carbon footprint as a trans-Atlantic flight from New York to London?

## 18 – FICTION? *"Get Lights on Safer, Faster."*

**Fact:** Wireless Smart Grids and Smart Meters cannot fix power outages. This still requires real people. BC Hydro employees still have to physically drive to areas in bad weather conditions, and this does not change with a wireless smart

meter or grid. In fact, BC Hydro employees are known for repairing the system as quickly and safely as humanly possible. A wireless Smart Grid will not speed up the human factor. The big question is, "Do we want to risk human and environmental health for the convenience of defining the location of the power outage a few minutes faster?" Decisions of this magnitude demand public input and hearings.

## 19 – FICTION?

*"Smart Meters will help us conserve Energy."*

**FACT:** Smart Meters do nothing to conserve energy. What they are trying to do is change patterns of behaviour. External control of appliances and heating & cooling systems would allow the utility company to conserve energy by turning off your smart-enabled appliances at their choice. This would create conservation and diversion of energy to allow BC Hydro to sell more of our energy to the U.S. at peak hours.

Another way is to change usage pattern by charging more for energy used during the day, thus penalizing people for utilization during peak hours. No place where smart meters have been in use (e.g. Ontario, Australia, California) has energy usage been reduced, yet the associated monthly bills have increased because people need to use power during the day. That is the fact.

Retrofits, such as energy-efficient furnaces and windows, would reduce the amount of energy needed and thereby truly conserve.

## 20 – FICTION? *"Smart Meters can't be wired through telephone lines."*

**FACT:** The Itron smart meter installer's handbook has protocols and instructions to do just that. It is accurate to state that BC Hydro doesn't want to wire the meters through the phone lines.

<http://ow.ly/638Ux> On page 7 ( page 4 number at footer ) explains that Ethernet and PSTN ( Telephone Lines ) can be used : " The OPENWAY system can utilize a variety of public communication platforms to transfer data, including GPRS, Ethernet, PSTN, BPL, WiFi, WiMax and others."

## 21 – FICTION? *"Fibre Optic technology can't be installed in BC due to the expense of burying the cable in difficult terrain."*

**FACT:** It is an interesting fact that most areas already have full fibre optic cabling. Further, no drilling or digging is necessary where impractical, as fibre optic cable can be installed just as easily above ground whenever buried cable is not feasible. European countries with varying topography, such as France, have employed fibre optics as their main infrastructure, opting for a fully secured, ultra high speed, no health risk system.

<http://ow.ly/638W4>

## 22 – FICTION? *"Smart meters cannot detect how someone uses electricity or which appliances are being used – they only measure how much energy a home used or generated in total. This is the same electricity consumption data we always have collected, just more frequently – up to three or four times per day rather than once every two months."*

Greg Reimer, BC Hydro <http://ow.ly/638WQ>

**FACT:** BC Hydro has chosen to install the 'Openway Centron' wireless meter manufactured by ITRON Inc. According to the company website: "each OpenWay CENTRON meter comes factory-equipped with a ZigBee® radio chip to provide a built-in communications pathway into the home for data presentation, load control and demand response."

Even a quick glance at the Zigbee corporate website ([www.zigbee.org](http://www.zigbee.org)) reveals that these radio chips are specifically designed and intended to communicate directly with a wide range of home appliances for the purpose of two-way wireless monitoring and control. Consequently, it would appear that BC Hydro is knowingly installing a device on every home and business in the province that has the capability to invade the security and privacy of the residents and occupants without their consent.

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# Separating Fact from Fiction

A recent announcement from chipmaker NXP says that 2011 and 2012 will see a rush of devices that can measure and report their own power use. Consumers, utility companies and industrial users will be able to monitor energy consumption in real time in smart appliances, consumer electronics, etc. (<http://ow.ly/638XI>) These chips will be put into every new appliance and will be able to communicate with the Zigbee chip in the smart meter to gather specific and personal utilization info.

If the smart meters are only gathering consumption data that has always been gathered, why did Hydro select this meter, which comes with the Zigbee chip, with the capability to gather much more private usage data, especially when smart chips are on new appliances? And why multiple readings each day?

## 23 – FICTION?

*“Smart Meters for a Sustainable BC.”*

**FACT:** There is nothing sustainable about using a technology that peer reviewed scientific evidence demonstrates risk to humans, animals and the environment. BC Hydro wishes to ignore that the World Health Organization has reclassified radiofrequency electromagnetic fields as a possible human carcinogen, as well as the growing body of quality science showing damage to wildlife and the environment.

BC Hydro is forcing people against their will to be exposed not only to a meter on their private property, but to the full radiating of their neighbourhood – a place where people want, and have a right, to feel safe and secure. Has BC Hydro developed a risk analysis for costs to remove all wireless smart meters and infrastructure, and replace with a fully wired system when British Columbians demand safety and reduction of risk and damage for themselves and the environment? “Sustainable” is not a word that can be used so easily for wireless technology. – look to the European Council Parliamentary Assembly resolution of May 27, 2011 to see that sustainable practices need to be rooted in safety. A precautionary approach reducing risk must be taken before it is too late to reverse damage. A sustainable system needs to protect people and environment, not increase risks. Anything that has potential to damage human health, risk agriculture production, and affect insects, birds and plants, cannot be called sustainable. Creating mutual agreement with all parties involved on strategies to reduce energy use is a sustainable human practice. Forcing actions on people against their will with the potential of penalties for non-conformance is unsustainable in the long term.

See the following links:

<http://ow.ly/63ERk> • <http://ow.ly/63FcP> • <http://ow.ly/63Ffs> • <http://ow.ly/63M7x>

## 24 – FICTION? “Meter sockets have metal backing” aka “The metal plate behind the Smart Meter will protect you from emissions.”

– statements made by BC Hydro employees both verbally and in written material

**FACT:** The wireless Smart Meter system is based on two way communication with a collector hub, and potentially other smart meters, which can use a daisy chain system to reach the collector hub. The metal backing will provide no protection from the microwave radiation from your neighbours’ meters or from the collector hub. This radiation could and mostly likely will be coming from all directions, and will not be diminished by the metal backing of the individual smart meter. A third key element of Smart Meter wireless communication functionality, is the Home Area Network (HAN) and is a Wi-Fi communication system controlled and emanating from the wireless smart meter (this gives the wireless smart meter ability to act as a home wi-fi router). This wireless HAN communication system is designed to interact with appliances and heating/cooling systems, which are further enabled with their own microwave radiofrequency radiation communication systems. If the metal backing plate were actually able to limit exposure, this would also limit one of the most important functions of the wireless smart meter program – the ability to communicate and control appliances and home systems remotely, either by the utility or the homeowner. Radiofrequency electromagnetic fields (microwave radiofrequency radiation) are impossible to contain without complete containment procedures, such as using radiation protection paint on all walls and covering windows with radiation protection fabric. This full containment procedure is used to protect those with electrosensitivity in other countries, most notably Sweden. Any small gap would allow wireless signals to penetrate. The metal plates are not large enough to stop or in any way impede the flow of wireless signals.

## 25 – FICTION?

*“In-Home Feedback tools will conserve energy.”*

(BC Hydro, Gary Murphy presentation)

**FACT:** Trying to change people’s habits by providing them with computerized information on use will not necessarily change daily human behaviour and needs such as making meals, doing laundry and other household chores, or continuing to use life support or electrical medical equipment at all times of the day. Elderly people who need more consistent heating and cooling to maintain their health should not be expected to face the strain of worrying about penalties for peak time usage – or if they should be heating their homes only after midnight. The evidence that homeowners will actually use these “tools” to

continued



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change power use remains to be seen. When people need to eat, they need to eat, and when there are no clean clothes, the laundry needs to be done. This is an expensive and uncertain way to try to change behaviour, when simple education and opt in reward programs for energy savings could accomplish more without the need for very expensive and risky wireless smart meters and grid infrastructure. BC Hydro states they aren't going to charge for time of use, but all of this information infrastructure is designed to educate the ratepayer on time of use and hopefully become aware of ways to change behaviour. The most vulnerable in our society will be the ones most penalized by time of use billing, and the ones least likely to be poring over computerized information on rates and billing.

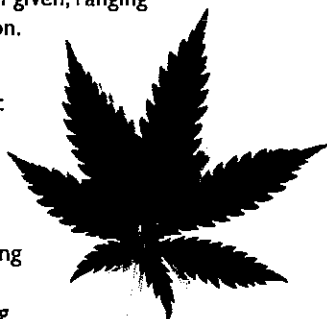
**There is no place where the smart meter program has been implemented where energy usage has been reduced. Ontario Premier McGuinty admitted to the Toronto Sun, Sept. 18, 2010, that the expensive program had resulted in no energy conservation. Why should the program have different results here?**

## 26 – FICTION? “Program Benefits – Reduced power theft.”

**FACT:** To justify the cost of the program, BC Hydro has depended upon the reduction in power theft for marijuana grow ops. No proof of the amount of loss has been provided, yet various estimates have been given, ranging from \$12 million to \$125 million.

<http://ow.ly/63H22>

How can unknown power theft be quantified? And if it can, where is the documented evidence? BC Hydro claims that wireless smart meters will eliminate this theft, but according to the Ontario Energy Board's "Smart Meter Initiative Working Group," this is not true. Smart metering can also help reduce tampering at the meter, but when it comes to a straight electrical bypass of electricity, the Smart Meter cannot identify this theft remotely. \*Numerous Smart Metering companies are promoting this technology as a means of reducing theft, while upon closer scrutiny the reductions are very limited. The Smart Meter can determine if there is tampering at the meter or if the meter is reversed (upside down) and it can measure substantial voltage drops (depending on model & Utility Infrastructure), but a service crew still has to attend the area, and further, the voltage drop has to be measured against something, namely a separate meter at the transformer.



The extreme costs associated with placing a separate meter at every transformer and associated installation, maintenance, and communication costs are prohibitive for any Utility. The CEO and Founder of dTechs has extensive experience dealing with Organized Crime. He has instructed and lectured on this issue throughout North America and the United Kingdom. In his policing career he has observed over 700 electrical bypasses or tampering incidents. In these 700, he has seen one inverted meter and approximately 30 meter tamperings where the criminal went into the back of the meter and jumped the meter posts. The remaining 96% of electricity theft was obtained with a bypass prior to the meter, and thus would not be detected by a Smart Meter. Whatever crime groups might tamper with the meter (4%) would simply learn to switch to a full bypass. Smart Metering coupled with the dTechs Meter Suite will give Utilities 100% grid surveillance, allowing the dTechs Meter Suite to quickly lead Utilities to bypasses, which would otherwise go undetected. \*Theft of power may be detected more easily if it involves meter tampering. However, theft accomplished by tapping conductors before they reach the meter would not be detected by smart metering. The benefit may not be significant if most power is stolen by this latter method. However, aggregated load data by transformer would facilitate comparison with transformer capacity and help an LDC (Local Distribution Company) determine if meter bypass would likely cause overloading leading to failure.”

\*Ontario Energy Boards 'Smart Meter Initiative' Working Group

## 27 – FICTION?

**“We need to modernize our Grid.”**

**FACT:** Our electrical grid has always needed and received constant maintenance and upgrades. Regular modernization to current infrastructure continues to be of high priority, especially when power lines are vulnerable enough to fall into the Fraser River, supposedly as a result of weather changes. Spending \$1 billion on a new wireless communication infrastructure and meters will not address any of the ongoing and urgent requirements to upgrade parts of the existing grid. The meters are some of the smallest parts of the current infrastructure; BC Hydro states that the analogue meters haven't been upgraded in 50 years, which is testament to the reliability and durability of this analogue technology over long periods of time. It is reported that the new smart meters will most likely require replacement within 20 years. BC Hydro and the Liberals have made a unilateral decision to modernize the system using a wireless communications infrastructure with serious questions of security, privacy, health and cost. This new wireless system will not replace current infrastructure maintenance and upgrading requirements. Protection of the ratepayer has been eliminated by denial of the BC Utilities Commission to conduct normal oversight procedures and public hearings. This affords no outside monitoring or control

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# Separating Fact from Fiction

of this expensive program and leaves the public unprotected. The new wireless Smart Grid will require its own maintenance, management and upgrades and all associated costs for the new system will be passed on to the ratepayer, in addition to costs for current infrastructure maintenance and modernization. Quote from an industry document, Cellular Communications and the Future of Smart Metering: "Low maintenance: During the 10- to 20-year life span of a Smart Meter communication device, the communication module's firmware will likely be upgraded – for example, to add new features, enhance security, or maintain compliance with the latest wireless communication standards." Setting up systems for data collection, analysis and further handling is another layer of associated costs that has not yet been added to the \$1 billion price tag of the new wireless system. BC Hydro is presenting wireless communication grid modernization of infrastructure as a power saving measure, in line with electric cars and off-grid power production. These new innovations are already underway and not dependent upon BC Hydro implementing a wireless Smart Grid. The wireless system itself is not a prior requirement for the development of new independent power producers or electric cars.

## 28 – FICTION?

*"Enable long term distribution system planning."*

**FACT:** BC Hydro already has information and historical data on consumer use and behaviour patterns, to which they have referred for decades to predict use. Major changes are most commonly tied to weather patterns, creating predictability. BC Hydro already knows how much power we are using and continues to be able to predict requirements for new households. Long term distribution planning is not about making things better for BC ratepayers; rather it is about setting up distribution systems to sell our clean energy to the US as their demand for more power increases in the future. This is yet another major change to our electricity supply that requires proper independent oversight protection from the BC Utilities Commission.

## 29 – FICTION? "Automated meter reading will save costs" and "Create Green Jobs and Economic Opportunities."

**FACT:** Approximately 300 meter readers will lose their jobs, which is supposed to save costs passed on to the customer. However, the true costs of rolling out the full wireless Smart Grid program, along with support systems, data collection, analysis and handling, plus regular security testing and upgrades, have not been presented to the public. How do we evaluate the costs of employing 300 people against the undetermined costs, unexpected overruns and massive security risks of this system?

Managing a wireless infrastructure which puts risks and stresses on all living things cannot be called a "Green Job." What are these Green Jobs and Economic Opportunities? Is the Economic Opportunity selling power to the US? Is the Economic Opportunity money that will be made by companies and their investors from the replacement of household appliances with new radiofrequency enabled models, which can be remotely controlled through the wireless Smart Meter? Who will be making money on reconfiguring heating and cooling systems so that they can also be remotely controlled? Is the Economic Opportunity the massive amount of money being made by the manufacturers of smart meters (ITRON) and their investors?

**Yet more reasons why BC Hydro customers must demand BC Utilities Commission full oversight and public hearings.**

## 30 – FICTION?

*"BC Hydro in business case says that microwave oven at 2 inches radiation 5000 uW/cm<sup>2</sup>."*

**FACT:** Microwave radiation is measured as power density in units of microwatts per square centimetre (uW/cm<sup>2</sup>) which is essentially the rate of energy flow per unit area. One needs special equipment for the detection and measurement of the leakage. Typical levels of radiation leakage from microwave ovens is about 200 uW/cm<sup>2</sup> which is far below the limit set by the national safety standard Safety Code 6: Limits of Exposure to Radiofrequency Fields at Frequencies from 10 kHz-300 GHz (1994, 60 p., Health Canada pub. 91-EHD-160). This level of leakage cannot be sensed by the body.

## 31 – FICTION? Why is BC Safety Authority making this statement? "It's highly unlikely [that changing the meter would blow the fridge] because the removal and installation involves opening and closing a circuit—much like using a switch. It doesn't generate voltage on its own."

As stated by Ariela Friedmann of BC Safety Authority

**FACT:** Highly experienced electronic technicians state it is possible to create high voltages capable of damaging equipment when changing the meter. Changing the meter is not at all like flipping a switch. If the installer makes a momentary connection with slightly shaky hands and draws an arc from the contacts it can induce thousands of volts in the wiring when the arc collapses. Hydro is perfectly aware of this since it is something they must deal with constantly when they switch power on their circuits. It is not only possible but very probable that an arc will occur when switching a 230 volt circuit by hand under

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load. To avoid this the main breaker should be turned off before changing the meter and then turned back on after it is changed. Breakers are designed to prevent damaging arcs when they are switched on or off. The meter contacts are not designed to act as a switch. This event is most definitely the fault of the installer and the company for which he works.

## Fridge blows after smart meter installed

[http://www.bclocalnews.com/richmond\\_southdelta/richmondreview/news/128323478.html](http://www.bclocalnews.com/richmond_southdelta/richmondreview/news/128323478.html)

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**32 – FICTION?** *“BC Hydro’s smart meters are not high current devices that results in any magnetic fields.”* August 18, 2011 written statement by Natyelli De Anda

Bonnabel, BC Hydro Smart Meter Program

**FACT:** Wireless Smart Meters produce both electromagnetic fields and radiofrequency electromagnetic radiation fields as they are electrical devices with radiofrequency communication capabilities. Magnetic fields are always produced by electrical devices and wireless devices.

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**33 – FICTION?** *“Radio technology has been in place since before World War 2 and all of us have grown up with radio. In fact, our life expectancy has increased over the last decade – evidence of no cumulative harm for those growing up listening to radios.”* August 18, 2011 part of written statements by Natyelli De Anda

Bonnabel, BC Hydro Smart Meter Program

**FACT:** People are living longer, thanks to improved healthcare, hygiene and nutrition among other things. Without radio technology, we might be living even longer.

Wireless technology is relatively new, especially in terms of human existence, with radio transmitters being widely dispersed for only the last 60 years or so. In fact, radio transmitters have been shown to be harmful especially to populations living in close proximity. In May, 2011, the Vatican was found guilty of causing increased incidence of leukemia by having FM transmitters in a populated area.

<http://ow.ly/6kelq>

<http://ow.ly/6kcol>

Cellular transmitters have been common in North America for only the last 10-15 years. Evidence shows that it can take years for health effects to become evident. Recently there have been several important studies showing cancer clusters within 500 meters of a cell transmitter.

Effects from prolonged exposure to radiation, even at low levels, are cumulative. Once a cell is damaged, it does not repair itself. Should DNA become damaged, this could be passed on to future generations.

People smoked for many years before lung cancers occurred, and even longer before doctors realized the cigarettes were the cause. Many scientists have called radiation from wireless devices the next cigarette.

BC Hydro says 'Smart' Meters are safe.

Dr Carpenter says otherwise. See this two minute video. Dr. David Carpenter is a Harvard Medical School-trained physician who headed up the New York State Dept. of Public Health for 18 years before becoming Dean of the School of Public Health at the University of Albany, where he currently directs the Institute for Health and the Environment:

<http://www.youtube.com/watch?v=n7L21XOC2wA&feature=related>

'Smart' meters vs. cell phones

BC Hydro says, "You can stand in front of your 'smart' meter for twenty years and get the same exposure as a thirty minute cell phone call." Dr Hirsch says otherwise. BC Hydro says the meters are a small source compared to other sources. Isn't this like saying, "We're all going to be exposed to second hand smoke anyway, so we may as well all smoke"? See this four minute video debunking Hydro's comparison to cell phones. Dr. Daniel Hirsch, Nuclear Scientist and Professor at UCSC (UC Santé Cruz) explains how "smart" meters cause >100 times more whole body, cumulative Radiation exposure than cell phones.

<http://www.youtube.com/watch?v=a6-hcOr-sxA>

Hydro Bills Triple

MPP Ontario, Randy Miller says over 8000 Ontario Hydro customers have seen their electricity bills triple. Four minute video

<http://www.youtube.com/watch?v=Ja54cKWGsy0>

Should every study be given equal weight?

Is the so called debate, industry grown or do we really not know? Dr Martin Blank, Columbia University on the scientific 'weight of evidence', & industry biased studies.

<http://www.youtube.com/watch?v=a6wLFeIrCtU> : 9 min

An urgent plea for awareness from Karolína Institute's Dr Olle Johansson.

Dr Olle Johansson of the Karolína Institute (home of the Nobel Prize) Announces the Selatun Resolution & attempts to correct the sorry state of electro magnetic awareness in our society. He has officially spoken out against 'smart' meters in a letter that is available through me.

<http://vimeo.com/18018440>

Dear Mayor and Council:

**Re: BC Hydro smart meter: concern and requests – Council Meeting (date)**

BC Hydro will be installing wireless smart meters in every home and apartment in our community within the near future, replacing current analogue meters. Over the last two years or so, meters have been mandated in Ontario and throughout the United States. Everywhere they are in use, the same problems are encountered – security, safety, invasion of privacy and actual ill health effects or concerns. Under the Provincial Charter, local government has the responsibility to protect its residents' health and security. The purpose of this letter is to inform you of the threats associated with wireless smart meters and to ask that you use your authority to raise our concerns to the Minister of Health.

Please find attached letters from Dr. David Carpenter, M.D. of the University of Albany, Dr. Olle Johansson, Karolinska Institute, Stockholm, Sweden (the home of the Nobel prizes), and Dr. Magda Havas, Trent University, Peterborough, Ontario, as well as comments by Dr. Daniel Hirsch, Senior Lecturer and expert in nuclear policy at UCSC. These credible, independent scientists warn of the dangers from the microwave radiofrequency radiation emitted by these meters, all day every day. This type of radiation has been studied for decades by scientists worldwide, who have produced thousands of peer reviewed and published scientific articles evidencing harm from exposure. Further, in May 2011, the World Health Organization reclassified radiofrequency electromagnetic fields as a 2B possible human carcinogen risk.

Cancer is not the only health concern associated with microwave radiofrequency radiation. Exposure has resulted in a growing number of people becoming sensitive or hypersensitive to exposure. This environmental impairment is recognized by the Canadian Human Rights Commission. It is estimated that 5-6% of the population are severely affected, and another 10% are moderately affected. Mandatory exposure to wireless smart meter emissions would cause severe suffering for many in our communities.

Also attached is a briefing by Cindy Sage on additional problems experienced with smart meters in California. Many of the meters installed in California are made by ITRON, the same brand being used in BC. Most smart meters share the same problems: radiation, spiking electricity on household wires that has caused fires, security breaches, harmful interference with household appliances, and invasion of privacy. All of this, in addition to the fact that no cost savings have been realized.

The hoped for reduction in energy is dependent not on the meter, but on changes in patterns of utilization. The plan is for people to watch the meter to determine how much electricity is being used by which appliance at what time of the day. If you are working with a family to care for, this becomes difficult. For example, it would be cheaper to cook dinner at midnight but not practical. Single parents and older people could be most hard hit by cost increases, when they have no choice but to cook dinner at dinner time, or have a shower before going to work in the morning.

Premier McGuinty of Ontario admitted a few months ago that Ontario's program would not be recovering any of the implementation costs from meter usage. There is a similar story in every jurisdiction. Some states, such as Massachusetts and Connecticut, conducted pilot programs with thousands of homes over many months and discovered there was neither reduction in energy nor in costs, so the program was halted.

The BC government approved the more than \$1 billion smart meter program via the 2010 Clean Energy Act, without the protection of an oversight review and approval process by the BC Utilities Commission. This is not normal procedure. Many in the opposition have been protesting this because there was also no debate in the legislature. A major public program with no approval and no oversight.

The mandatory wireless smart meter installation for every personal residence commenced July 4, 2011, and an increasing number of people are upset as they learn about the details. No opting out of the wireless exposure is allowed,. Neither will those concerned for their security, safety and privacy be allowed an option to the wireless system. We have a choice to use other wireless devices such as WiFi or cell phones, or to turn them off. BC Hydro has stated that moving the meter off the house and repositioning it elsewhere on the property is an option they will allow. This is physically impossible for people in apartments and financially impossible for most others. The cost estimates range between \$5,000 to \$12,000 depending on the situation, and further, will not stop constant wireless radiation on the individual's property.

The provincial government and BC Hydro state that the level of microwave radiofrequency radiation emitted by smart meters falls within Health Canada's Safety Code 6. This provides no assurance of safety because, as many scientists have warned, Safety Code 6 is inadequate and obsolete. It applies only to thermal effects and not to the non-thermal effects associated with microwave radiation from wireless devices like smart meters. In addition, Safety Code 6 does not apply to the general population and neither has it been revised to reflect the recent WHO classification of microwave radiation as a 2B carcinogen.

Of important note to rural areas, is the unfolding science showing damage from microwave radiofrequency radiation to bees and other pollinators, as well as frogs, insects, birds and other wildlife. Given that Langley's economic base includes agriculture requiring pollination, anything that has the power to disrupt or reduce pollination should be halted immediately, pending further review.

According to Bill 23-2008 of the British Columbia Public Health Act, section 83 (1), a municipality must take action when it learns of something that could be harmful to its residents. It must notify the Minister of Health or take immediate action. At its June 27 Council meeting, the City of Colwood passed a motion to write to the Minister of Health and, due to the potential for wireless smart meters to cause harm or to compromise security, request a moratorium on mandatory installations of wireless meters. The Council also requested that concerned residents be offered safer alternatives at no cost to them.

By this letter I am asking the Mayor and Council of XXXXX to fulfill its responsibility under the Public Health Act and advise the Minister of Health of the dangers associated with wireless smart meters. The municipality cannot order a moratorium because the program is in provincial jurisdiction, but that being so does not relieve the municipal government of the responsibility to bring the potential danger to the Minister's attention and to request action to ensure safety of the municipality's residents. Similar requests are being made of Councils across the province.

Given the health, privacy and security concerns associated with the smart meters, I hereby ask the Mayor and Council of XXXX to request the Minister of Health for a moratorium on the mandatory installation of wireless smart meters until the major issues and problems are independently identified and are satisfactorily addressed and that alternative wired solutions are provided at no additional costs to customers.

There is an obvious option for BC Hydro and the Minister of Energy – install wired meters. ITRON (brand that BC Hydro has chosen) makes, sells and installs wired meters which report via telephone lines or fiber optic cable, thus eliminating the electromagnetic radiation problem. The wired capability of ITRON meters can be verified easily in patent details.

In addition, an immediate resolution should be prepared and submitted to the Union of BC Municipalities ( <http://www.ubcm.ca/EN/index.html> )for their upcoming meeting asking that this resolution be presented.

Municipalities must stand together against the smart meter program. Please consider contacting the Mayor or Councilors of Colwood, B.C., for further discussion; the City Hall phone no. is 250-478-5999 and on the City of Colwood website each member has a private phone number and email address:

<https://colwood.civicweb.net/Documents/DocumentDisplay.aspx?ID=1688>

Respectfully submitted,

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# VILLAGE OF PORT CLEMENTS

## Cheque Listing For Council With GL Numbers

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Cheque	Date	Name	Expense GL Number	Invoice	Description	Invoice Amount	Cheque Amount
20110401	2011-08-15	ABFAM ENTERPRISES LTD	10-2-34-00-70	8718	PAYMENT RED CEDAR T	248.12	260.32
20110402	2011-08-15	ADVENTURE PAVING	10-2-32-31-00	004972	PAYMENT ASPHALT PAVING	2,135.00	2,240.00
20110403	2011-08-15	BIG RED	10-2-71-21-15	11690	PAYMENT WEEKLY CONTAINER RATE	230.19	241.51
20110404	2011-08-15	BLUE CROSS	10-4-27-00-30	August 201	PAYMENT MONTHLY CONTRIBUTIONS	347.83	347.83
20110405	2011-08-15	BRITISH COLUMBIA LIFE & CASUALTY C	10-4-27-00-30	August 201	PAYMENT PREMIUM FOR AUGUST 2011	384.06	384.06
20110406	2011-08-15	C. AND C. BEACHY CONTRACTING LTD	10-2-32-31-00	16N	PAYMENT BACKHOE RENTAL	128.10	974.40
			10-2-32-31-00	17N	ARMOR CULVERT MALLARD ST	320.25	
			10-2-32-37-20	17N	ARMOR CULVERT MALLARD ST	320.25	
			10-2-32-31-00	18N	GRADE MALLARD ST+ADAMS ROAD	160.12	
20110407	2011-08-15	CERTIFIED FOLDER DISPLAY SERVICE	10-2-72-50-10	10-0012982	PAYMENT RENEWAL FOR DISTRIBUTION SERVICE	562.74	590.42
20110408	2011-08-15	CLARK FREIGHTWAYS	40-2-42-90-50	110612733	PAYMENT PUMP RE-SCALED	130.30	277.68
			40-2-42-20-35	110700438	1 PIECE	134.36	
20110409	2011-08-15	FAST FUELS SERVICES LTD	10-2-31-90-00	173341	PAYMENT DYED DIESEL	25.74	526.99
			30-2-41-40-10	173341	DYED DIESEL	25.75	
			40-2-42-90-60	173341	DYED DIESEL	12.87	
			10-2-31-90-00	173993	DYED DIESEL	175.18	
			30-2-41-40-10	173993	DYED DIESEL	175.16	
			40-2-42-90-60	173993	DYED DIESEL	87.57	
20110410	2011-08-15	ISLANDS SOLID WASTE	10-2-34-00-70	736627	PAYMENT P/UP LOAD FROM DOCK REPAIRS	7.00	7.00
20110411	2011-08-15	KEY WEST INSURANCE SERVICES	10-2-12-14-30	22080	PAYMENT COMMERCIAL POLICY RENEWAL	2,361.15	6,382.00
			10-3-73-90-00	22080	COMMERCIAL POLICY RENEWAL	4,020.85	
20110412	2011-08-15	LORE, BEV	10-2-32-31-00	August 201	PAYMENT WEEDWACKER TRIM LINE+ITUNES GIF	24.53	235.74
			10-2-75-00-00	August 201	WEEDWACKER TRIM LINE+ITUNES GIF	200.16	
20110413	2011-08-15	MEDICAL SERVICES PLAN	10-4-27-00-30	July 2011	PAYMENT MEDICAL SERVICES PLAN PAYMENT	654.00	654.00
20110414	2011-08-15	O'BRIEN ROAD & BRIDGE MAINTENANC	10-2-32-37-10	05300	PAYMENT PAVING INTERSECTION OF INDUSTRIAL	13,416.77	14,076.61
20110415	2011-08-15	OBSERVER PUBLISHING CO. LTD.	30-2-41-10-20	12048	PAYMENT NOTICE: CALL FOR TENDER	418.46	439.04
20110416	2011-08-15	OPUS DAYTONKNIGHT	30-2-41-10-20	5806.	PAYMENT BALANCE OWING ON ORIGINAL INVOIC	1,669.32	13,192.50
			30-2-41-10-20	5929	WTP UPGRADE PREDESIGN	10,904.78	
20110417	2011-08-15	RECEIVER GENERAL - CCRA	10-4-27-00-10	July 2011	PAYMENT MONTHLY PAYROLL DEDUCTIONS	2,705.52	2,705.52
20110418	2011-08-15	XEROX CANADA LTD.	10-2-12-11-30	F42484302	PAYMENT COPIES MAY 31-JULY 15 2011	186.61	226.97
			10-2-12-11-30	G42545647	COPIES JULY 15-JULY 31 2011	29.72	

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Cheque	Date	Name	Expense GL Number	Invoice	Description	Invoice Amount	Cheque Amount
20110419	2011-08-15	H F Protection Systems Inc.	30-2-41-40-00	3161	PAYMENT ANNUAL SERVICE OF ALARM + SPRINK	448.35	470.40
20110420	2011-08-15	Johnny's Machine Shop	40-2-42-90-50	July 18, 20	PAYMENT PUMP #1+#2 REPAIRS	1,776.09	1,863.44
20110421	2011-08-15	NORTHERN BC TOURISM ASSOCIATION	10-2-72-50-10	2011-07-03	PAYMENT NORTHWORD AUG 2011 HALF PAGE A	518.80	544.32
20110422	2011-08-15	Skeena Mobile Audiolab Inc.	10-2-32-31-00 10-2-71-89-00 10-2-71-89-30	491813 491813 491813	PAYMENT HEARING TESTS FOR 2 PUBLIC WKS ST HEARING TESTS FOR 2 PUBLIC WKS ST HEARING TESTS FOR 2 PUBLIC WKS ST	24.91 24.91 24.91	78.40
20110423	2011-08-19	KEY WEST INSURANCE SERVICES	10-2-11-10-30 10-3-73-90-00	22248 22248	PAYMENT RENEWAL ACCIDENT POLICY RENEWAL ACCIDENT POLICY	184.96 315.04	500.00
20110424	2011-08-19	MUNICIPAL INFORMATION SYSTEMS IN	10-2-12-11-20	20110820	PAYMENT COMPUTER SUPPORT	290.24	304.51
20110425	2011-08-19	OBSERVER PUBLISHING CO. LTD.	10-2-12-99-11	12084	PAYMENT REQUEST FOR PROPOSALS BARGE RA	269.01	282.24
20110426	2011-08-19	SKIDEGATE INLET CONSTRUCTION LTD.	10-2-32-31-00 10-2-34-00-70	3645 3645	PAYMENT CRUSHED ROCK CRUSHED ROCK	371.49 742.98	1,169.28
20110427	2011-08-19	Biggar, Victoria Ashley	10-2-11-10-50	August 201	PAYMENT BURSARY	500.00	500.00
20110428	2011-08-19	Hitchcock, Kirsten	10-2-11-10-50	August 201	PAYMENT BURSARY	500.00	500.00
20110429	2011-08-19	Johnny's Machine Shop	40-2-42-90-50	F-2011081	PAYMENT REPAIRS FLYGT PUMP	8,912.14	9,350.44
20110430	2011-08-19	Lore, Kelsey	10-2-11-10-50	August 201	PAYMENT BURSARY	500.00	500.00
20110431	2011-08-19	Stelmaschuk, Mike	10-2-71-21-20	August 20	PAYMENT FLOOR MAINTENANCE	289.56	289.56
20110438	2011-08-30	A.L. CONDROTTE	10-2-32-31-00 10-2-34-00-70	1140 1140	PAYMENT 2 LOADS CRUSH TO BOAT RAMP; 1 LOA 2 LOADS CRUSH TO BOAT RAMP; 1 LOA	213.50 427.00	672.00
20110439	2011-08-30	ABFAM ENTERPRISES LTD	10-2-71-89-50	8774	PAYMENT WOOD PURCHASE	1,609.64	1,688.80
20110440	2011-08-30	BANDSTRA TRANSPORTATION SYSTEM	10-2-24-80-00	Y008230	PAYMENT 1 PALLET GENERAL MERCHANDISE	287.07	301.19
20110441	2011-08-30	BLUE CROSS	10-4-27-00-30	September	PAYMENT BENEFIT PREMIUMS	909.47	909.47
20110442	2011-08-30	BRITISH COLUMBIA LIFE & CASUALTY C	10-4-27-00-30	September	PAYMENT PREMIUM FOR SEPTEMBER 2011	384.06	384.06
20110443	2011-08-30	OPUS DAYTONKNIGHT	30-2-41-10-20	6100	PAYMENT PROFESSIONAL SERVICES FOR JULY 2	26,610.54	27,919.25
20110444	2011-08-30	PORT AIR CARGO	10-2-71-89-00 30-2-41-40-00	VPC0711 VPC0711	PAYMENT DELIVERY CHRGS FROM ROCKY'S + NP DELIVERY CHRGS FROM ROCKY'S + NP	16.01 16.01	33.60
20110445	2011-08-30	RECEIVER GENERAL - CCRA	10-4-27-00-10	August 201	PAYMENT MONTHLY PAYROLL DEDUCTIONS - RE	2,404.24	6,762.77



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## Cheque Listing For Council With GL Numbers

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<u>Cheque</u>	<u>Date</u>	<u>Name</u>	<u>Expense GL Number</u>	<u>Invoice</u>	<u>Description</u>	<u>Invoice Amount</u>	<u>Cheque Amount</u>
20110445	2011-08-30	RECEIVER GENERAL	10-4-27-00-10	July 2011.	MONTHLY PAYROLL DEDUCTIONS - JUL	4,358.53	6,762.77
20110446	2011-08-30	ROCKY MOUNTAIN Phoenix	10-2-24-80-00	IN59978	PAYMENT RESCUE RANDY+NOMEX COAT+PANT	3,824.60	4,012.69
20110447	2011-08-30	WESTERN CANADA FIRE PROTECTION	10-2-24-70-00	4921	PAYMENT EXTINGUISHER INSPECTION+HYDRO T	182.54	766.08
			10-2-32-31-00	4921	EXTINGUISHER INSPECTION+HYDRO T	182.54	
			10-2-71-89-00	4921	EXTINGUISHER INSPECTION+HYDRO T	182.54	
			30-2-41-40-00	4921	EXTINGUISHER INSPECTION+HYDRO T	182.54	
20110448	2011-08-30	XEROX CANADA LTD.	10-2-12-11-30	L19910071	PAYMENT LEASE CONTRACT QUARTERLY PAYME	637.30	668.64
20110449	2011-08-30	School Specialty Canada	10-2-75-00-00	202000065	PAYMENT 3 SHELF BIRCH - TINYTOTS	167.93	176.19

**Total      104,409.92**