



## Public Works & Transportation Committee

Date: Thursday, May 22, 2014  
Place: Anderson Room  
Richmond City Hall  
Present: Councillor Linda Barnes, Chair  
Councillor Derek Dang  
Councillor Linda McPhail  
Councillor Harold Steves  
Absent: Councillor Chak Au  
Call to Order: The Chair called the meeting to order at 4:00 p.m.

### MINUTES

It was moved and seconded

*That the minutes of the meeting of the Public Works & Transportation Committee held on Thursday, April 24, 2014, be adopted as circulated.*

**CARRIED**

### NEXT COMMITTEE MEETING DATE

Wednesday, June 18, 2014, (tentative date) at 4:00 p.m. in the Anderson Room

### ENGINEERING AND PUBLIC WORKS DEPARTMENT

1. **LIGHT EMITTING DIODE (LED) STREET LIGHT STANDARDS**  
(File Ref. No. 10-6000-01) (REDMS No. 4223751)

**Public Works & Transportation Committee**  
**Thursday, May 22, 2014**

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It was moved and seconded

*That the staff report titled **Light Emitting Diode (LED) Street Light Standards dated May 1, 2014, from the Director, Engineering be received for information.***

**CARRIED**

**2. LEGISLATIVE CHANGES: UPDATE AND REVIEW – NEW WATER SUSTAINABILITY ACT, FEDERAL FISHERIES ACT UPDATE AND OMBUDSPERSON REVIEW**

(File Ref. No. 10-6125-00) (REDMS No. 4225681)

Discussion ensued regarding the fact that the BC Provincial Government has passed the New Water Sustainability Act, and in doing so, has created more work for local governments across the province.

Peter Russell, Senior Manager, Sustainability and District Energy, stated that through the Union of BC Municipalities (UBCM), local governments are discussing ways to alleviate some of the work.

It was moved and seconded

*That the staff report titled **Legislative Changes: Update and Review – New Water Sustainability Act, Federal Fisheries Act Update and Ombudsperson Review, dated May 5, 2014 from the Director, Engineering be received for information.***

**CARRIED**

**3. MULTI-MATERIAL BC PROGRAM – POST COLLECTION ARRANGEMENTS**

(File Ref. No. 10-6370-03-01) (REDMS No. 4229060)

Suzanne Bycraft, Manager, Fleet and Environmental Programs, commented on how the enhanced recycling program, which began this week, is running well.

Discussion ensued regarding feedback the Committee has received from residents that have requested that no more bins be used for recycling in Richmond. Ms. Bycraft noted that if residents would prefer a smaller or larger blue box, they can be picked up at Richmond's Recycling Depot.

The Committee requested that Ms. Bycraft report back to the Committee in the Fall regarding the progress of the enhanced recycling program. The Committee noted that they would like to see a cost analysis of this program. Ms. Bycraft stated that she would report back after July, as that is when the City will receive its first payment.

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It was moved and seconded

- (1) *That the Chief Administrative Officer and General Manager, Engineering & Public Works be authorized to negotiate and execute an amendment to Contract T.2988, Residential Solid Waste & Recycling Collection Services with Sierra Waste Services Ltd. (in accordance with the May 9, 2014 staff report titled Multi-Material BC Program – Post Collection Arrangements from the Director, Public Works (the ‘Staff Report’)) to establish a recycling materials consolidation facility under the terms outlined in the Staff Report; and*
- (2) *That additional funding for the consolidation facility in the amount of \$140,000 plus applicable taxes for one-time costs, and related service costs per one of approximately \$320,000 annually be approved, with funding from the Sanitation and Recycling provision.*

**CARRIED**

4. **CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) & CARBON NEUTRAL IMPLEMENTATION STRATEGY REPORTING UPDATE**

(File Ref. No. 10-6000-01) (REDMS No. 4221410 v. 5)

Mr. Russell updated the Committee on the City’s progress on the Climate Action Charter. He noted that since the City has signed the BC Climate Action Charter, the City is responsible for publicly announcing their carbon emissions use. As an incentive of signing the Climate Action Charter, the Climate Action Revenue Incentive Program (CARIP) returns the money that was paid in carbon tax, back to the City.

Discussion ensued regarding how the carbon credits are quantified by CARIP. Mr. Russell noted that CARIP is still working on how to properly quantify these carbon credits as there have been some issues with the current system, including penalties for early action. Mr. Russell commented on how the City will be contacting the BC Provincial Government to discuss their concerns with the existing program.

In response to queries from the Committee regarding composting, Mr. Russell noted that the City is in talks with the Operators of Harvest Power to see if they would be interested in a business development opportunity to compost on farm lands.

The issue of carbon capture in soil was discussed as the Richmond Carbon Marketplace is working to achieve carbon neutrality for the City. Mr. Russell advised that the issue will be investigated further.

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It was moved and seconded

- (1) *That Climate Action Revenue Incentive Program reports indicating the City's achievement of carbon neutrality in 2013, included as attachments in the staff report titled Climate Action Revenue Incentive Program (CARIP) & Carbon Neutrality Reporting – Update, dated April 30, 2014, from the Director, Engineering, be posted on the City's website,*
- (2) *That staff work with the Climate Action Secretariat, joint Provincial-UBCM Green Communities Committee, and other municipalities to refine carbon accounting methods that are part of the Carbon Neutral Progress Reporting and Climate Action Recognition programs; and*
- (3) *That copies be sent to the Richmond MLA's and the Richmond School District.*

**CARRIED**

Discussion ensued regarding the Memorandum, dated May 22, 2014, titled "Alexandra District Energy Utility awarded the 2014 Canadian National ENERGY GLOBE Award" (attached to and forming part of the Minutes as Schedule 1). The Committee congratulated Alen Postolka, District Energy Manager, and his staff for winning the Canadian National ENERGY GLOBE Award.

Discussion ensued regarding the Memorandum, dated May 9, 2014, titled "Flood Protection Program Funding Bath Slough Drainage Pump Station Upgrade" (attached to and forming part of the Minutes as Schedule 2). The Committee congratulated Milton Chan, Manager, Engineering Design and Construction, for receiving 90% of Provincial available funding for the Bath Slough project.

In response to queries from the Committee about the fire at the Richmond Landfill over the weekend, Robert Gonzalez, General Manager, Engineering and Public Works, noted that the cause of the fire is still unknown and an investigation is currently underway.

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5. **MANAGER'S REPORT**

Tom Stewart, Director, Public Works, provided an update on Project Wet, the Public Works Open House, and the Sidaway site. Project Wet was very successful as classes from across Richmond showed up to learn about the importance of water. The Committee extended their thanks to the volunteers who made the program happen. Mr. Stewart discussed how the Public Works Open House is this Saturday, May 24<sup>th</sup> from 11:00 am – 3:00 pm. This is an opportunity to visit the Works Yard, receive a tour of the fire halls, and sample food from different vendors. Mr. Stewart discussed how the results from the Sidaway site had come back with no sign of any spores.

Lesley Douglas, Manager, Environmental Sustainability, summarized her Memorandum, dated May 20, 2014, titled "Richmond Earth Day Youth Summit 2014" (attached to and forming part of the Minutes as Schedule 3). She noted that the 3<sup>rd</sup> Annual Richmond Earth Day Youth Summit was very successful.

Ms. Bycraft noted that she was informed this week that the City won the Bronze Quill award, for the launch of the green cart program in Richmond, through the International Association of Business Communicators.

Victor Wei, Director, Transportation, sadly noted that Larry Pamer, who was the Chair of the Richmond Community Cycling Committee, passed away after suffering from a stroke earlier in the year. The Committee passed along their condolences to the friends and family of Mr. Pamer.

**ADJOURNMENT**

It was moved and seconded  
*That the meeting adjourn (4:26 p.m.).*

**CARRIED**

Certified a true and correct copy of the Minutes of the meeting of the Public Works & Transportation Committee of the Council of the City of Richmond held on Thursday, May 22, 2014.

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Councillor Linda Barnes  
Chair

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Amelia White  
Acting Assistant Committee Clerk

Schedule 1 to the Minutes of the  
Public Works and Transportation  
Committee held on  
Thursday, May 22, 2014.

TO: MAYOR & EACH  
COUNCILLOR  
FROM: CITY CLERK'S OFFICE



City of  
Richmond

**Memorandum**  
Engineering & Public Works  
Sustainability

**To:** Mayor and Councillors **Date:** May 22, 2014  
**From:** Alen Postolka, P.Eng., CP **File:** 10-6600-10-02/2014-Vol 01  
District Energy Manager  
**Re:** **Alexandra District Energy Utility awarded the 2014 Canadian National ENERGY GLOBE Award**

The 2014 ENERGY GLOBE Awards has awarded the Canadian National ENERGY GLOBE Award to the City of Richmond's Alexandra District Energy Utility.

The ENERGY GLOBE Awards determine the best sustainable project submission from each country. With 161 participating countries, the ENERGY GLOBE Awards are amongst the world's most prestigious environmental awards. National ENERGY GLOBE Awards are given out annually to projects focusing on energy efficiency, renewable energy and conservation of resources. An ENERGY GLOBE Award certificate is an internationally recognized hallmark for sustainability.

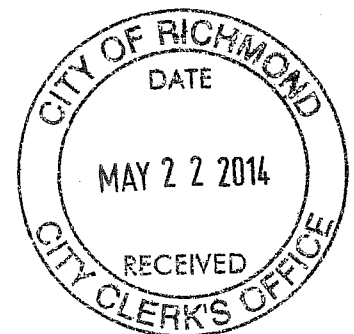
National ENERGY GLOBE Awards are presented in the recipients' countries in cooperation with the international offices of the Austrian Chamber of Commerce. Recognition of the City of Richmond as the Canadian National ENERGY GLOBE Award winner will take place Monday, May 26, 2014 at the Open Council Meeting where the Austrian Deputy Trade Commissioner will be in attendance to present the award certificate.

Alen Postolka, P.Eng., CP, CEM  
District Energy Manager  
604-276-4283

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pc: SMT  
John Irving, P.Eng. MPA, Director, Engineering  
Peter Russell, Senior Manager, Sustainability and District Energy



# City of Richmond

## Memorandum Engineering and Public Works

**To:** Mayor and Councillors  
**From:** Milton Chan, P.Eng  
Manager, Engineering Design & Construction  
**Re:** **Flood Protection Program Funding  
Bath Slough Drainage Pump Station Upgrade**

**Date:** May 9, 2014  
**File:** 10-6340-20-P.13301/Vol 01

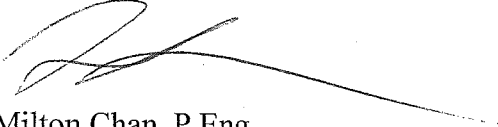
In April 2013, the Province solicited grant applications through the Flood Protection Program for municipal projects. Municipalities were limited to one application each. Staff submitted the Bath Slough Drainage Pump Station Upgrade for consideration.

On May 2, 2014 the City was notified that the Bath Slough project was approved for up to \$2,040,000 of federal/provincial funding (Attachment 1). Also on May 2, Federal Minister Kerry-Lynne Findlay and Provincial Minister Teresa Wat publicly announced the results of the grant intake process at Delta Municipal Hall.

The projects included in the grant announcement were funded from two separate programs. The majority of the projects were funded from the Building Canada Fund Communities Component, which is limited to communities with a population of less than 100,000 people. 23 projects received a combined \$24.9 million of funding under this program.

Richmond received funding from the Provincial-Territorial Base fund. Approximately \$2.2 million of funding was available under this program. The approved funding for Bath Slough represents over 90% of the amount available.

Staff have scheduled a startup meeting with Flood Protection Program staff as required in the notification letter. Design works have started, and project completion is scheduled for late 2015.

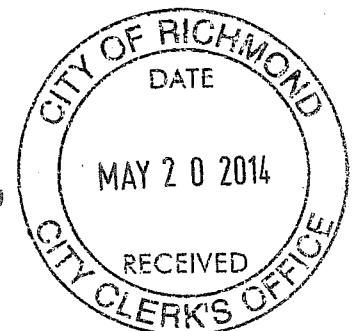
  
Milton Chan, P.Eng  
Manager, Engineering Design & Construction

MC:mc  
Att. 1  
pc:

SMT  
Robert Gonzalez, P.Eng., General Manager, Engineering & Public Works  
John Irving, P.Eng. MPA, Director, Engineering

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MAY 02 2014

His Worship Malcolm Brodie  
Mayor of the City of Richmond  
6911 No.3 Road  
Richmond, BC V6Y 2C1

Dear Mayor Brodie:

**Re: Building Canada Fund – Base Fund Agreement  
Flood Protection Program  
Project # FPP 2013-1-002 - Bath Slough Drainage Pump Station Upgrade**

We are pleased to confirm that your application for funding under the Building Canada Fund – Base Fund Agreement (BFA) Flood Protection Program for the above project has been approved for up to \$2,040,000 in federal/provincial funding.

This funding approval is conditional pursuant to the General Fund Parameters as described in the Flood Protection Program 2013 Funding Application Guidelines dated April 2013, and upon the municipality and the Province entering into a written Transfer Under Agreement document.

It is your responsibility to obtain and comply with all necessary authorizations and/or permits as an ongoing condition of our funding. These authorizations and/or permits from regulatory agencies may identify the need for an environmental assessment.

As part of the project initiation, the local government project lead is required to attend a start-up meeting with staff from the Flood Protection Program. Please have the project lead schedule this meeting within the next three weeks by calling Mona Smith at 250-952-5064.

Please ensure that all public information material related to calls and tenders for this project clearly indicates funding is provided from the BCF-BFA - Flood Protection Program.



Mayor Malcolm Brodie  
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If you have any questions regarding the above, please do not hesitate to contact Sarah Duggan, Program Manager, Flood Protection Program, Emergency Management BC at 250-952-6065 or by email at [sarah.duggan@gov.bc.ca](mailto:sarah.duggan@gov.bc.ca).

We wish you every success with your flood protection project.

Yours truly,



FOI: Patrick B. Quealey  
Assistant Deputy Minister  
Emergency Management BC

pc: Alice Wong, MP  
Richmond

Teresa Wat, MLA  
Richmond Centre

Carol Loski, Director  
Flood Protection Program  
Emergency Management BC  
Ministry of Justice and Attorney General

Milton Chan, P.Eng.  
Manager, Engineering Design & Construction  
City of Richmond

Schedule 3 to the Minutes of the  
Public Works and Transportation  
Committee held on  
Thursday, May, 22, 2014.

TO: MAYOR & EACH  
COUNCILLOR  
FROM: CITY CLERK'S OFFICE



City of  
Richmond

**Memorandum**  
Engineering and Public Works  
Sustainability

**To:** Mayor and Councillors  
**From:** Lesley Douglas, B.Sc., R.P.Bio.  
Manager, Environmental Sustainability  
**Re:** Richmond Earth Day Youth Summit 2014  
**Date:** May 20, 2014  
**File:** 10-6125-07-01/2014-Vol 01


The City hosted the 3rd annual Richmond Earth Day Youth (REaDY) Summit at R.A. McMath School on April, 26<sup>th</sup>, 2014. The resounding success of this year's event includes attendance of approximately 575 delegates of all ages to hear Dr. Suzuki's message and participate in one of the 15 tailored workshops. 2014 REaDY Summit highlights include:

- Attendance from 40 different Richmond schools (159 high school students; 150 elementary students; 61 teachers and 16 school district staff members)
- More than 86 families, 16 organizations, 58 adults and 16 university students
- Residents attended from 18 municipalities, with the majority of participants from Richmond (approximately 80 per cent); 20 per cent participants from other Metro Vancouver municipalities; and a small number of participants (14) from municipalities beyond Metro Vancouver
- Weblink of Dr. Suzuki's speech to two remote sites: Kwantlen University's Surrey Campus and the Fraser River Discovery Centre in New Westminster
- More than 88 student volunteers
- Opportunity for Summit attendees to recycle light bulbs and old electronics with *LightRecycle* and *Electro-Cycle*
- A diversion of 97.5 per cent of waste generated by the Summit due to student efforts
- 13 per cent of attendees using their bicycle, 21 per cent carpooling and 9 per cent using transit to get to the Summit

While the promotion campaign included a very active social media component, peaking at 2371 views on Twitter, more than 50 per cent of registrants reported that they learned about the event through word of mouth, demonstrating that the event was actively engaging the community.

Our local sponsors, Harvest Power, VanCity and Nature's Path Foods were pleased by the organization of the event and indicated that they were looking forward to future events.

This year's event showcased how partners, sponsors and the community can come together to celebrate our past, our future, and our deep-rooted connection to our island and estuary environment on the Fraser River. The 2014 REaDY Summit embraced the full circle of its theme: We are the Fraser, We Are One!

  
Lesley Douglas, B.Sc., R.P.Bio.  
Manager, Environmental Sustainability  
604-247-4672

LD:jep

pc: Suzanne Bycraft, Manager, Fleet & Environmental Programs  
Peter Russell, Senior Manager, Sustainability and District Energy

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