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**TO:** CHAIR AND MEMBERS  
ENVIRONMENT COMMITTEE

**DATE:** 2016 April 4

**FROM:** CITIZEN REPRESENTATIVES  
ENVIRONMENT COMMITTEE

**FILE:** 33000 01  
*Reference: Environmental Awards*

**SUBJECT:** 2016 ENVIRONMENTAL AWARDS PROGRAM

**PURPOSE:** To recommend recipients of the 2016 City of Burnaby Environmental Awards Program.

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**RECOMMENDATIONS:**

1. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2016 Environmental Awards to Council for consideration at Council's meeting of 2016 April 25:
  - a. A 2016 Environmental Award in the category of Business Stewardship be presented to **False Creek Collision Eco** for their outstanding efforts to invest in new technologies that improve air quality and reduce energy consumption and for providing leadership in environmental sustainability to their industry.
  - b. A 2016 Environmental Award in the category of Community Stewardship be presented to the community-based volunteer organization **Burnaby Residents Opposing Kinder Morgan Expansion (BROKE)** for their outstanding efforts to educate Burnaby residents about the pipeline expansion project and the potential risks to our community and the environment.
  - c. A 2016 Environmental Award in the category of Green Choices be presented to **Barb McMahon**, founder of Sprouting Chefs, for her outstanding efforts to educate students in Burnaby about growing food, creating community, environmental sustainability, and leadership.
  - d. A 2016 Environmental Award in the category of Planning and Development be presented to **Appia Developments Ltd.** for the Solo District and use of a low carbon geothermal exchange system that will significantly reduce annual greenhouse gas emissions from the operation of the buildings.
2. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2016 Environmental Stars to Council for consideration at Council's meeting of 2016 April 25:

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- a. A 2016 Environmental Star in the category of Business Stewardship be presented to **Gateway Casinos and Entertainment Ltd.** and **L'Arche Greater Vancouver** for their outstanding project and partnership that achieved energy use efficiencies at the L'Arche office in Burnaby.
  - b. A 2016 Environmental Star in the category of Business Stewardship be presented to **BC Technology for Learning Society** for refurbishing used computers as part of the Computers for Schools Program and for implementing environmental sustainability initiatives as part of their business operations.
  - c. A 2016 Environmental Star in the category of Community Stewardship be presented to **Ruth Walmsley** for her outstanding efforts and dedication to raising awareness of a significant environmental issue through her efforts with the community group Burnaby Residents Opposing Kinder Morgan Expansion.
  - d. A 2016 Environmental Star in the category of Community Stewardship be presented to **Dave Stafford** for his outstanding service with the Burnaby Lake Park Association.
  - e. A 2016 Environmental Star in the category of Youth be presented to the **Lochdale Community School Green Team** for educating their classmates about waste reduction and recycling.
3. **THAT** this report appear on the open agenda of Council's meeting of 2016 April 25 upon their concurrence.
  4. **THAT** the 2016 Environmental Awards and Environmental Stars be presented at the Regular Meeting of Council on 2016 May 16.

## REPORT

### 1.0 BACKGROUND

The City of Burnaby's Environmental Awards Program recognizes significant environmental achievements of people and organizations in our community. The program was established in 1996 based on direction provided in the State of the Environment Report for Burnaby (1993). This year is the 20<sup>th</sup> anniversary of the program.

On an annual basis, awards may be issued in six categories: Business Stewardship, Communications, Community Stewardship, Green Choices, Planning and Development, and Youth, as described in *Appendix A (attached)*. As established in 2000, there are two designations in each category:

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- Environmental Awards, for recognition of environmental achievements of a larger scale, such as long-term commitments to an organization or cause, leadership of numerous other individuals, and projects of a significant size and relatively complex scope; and
- Environmental Stars, for recognition of environmental achievements of a smaller or more individual scale that may nevertheless serve to catalyze larger initiatives and inspire others.

Each nomination received is reviewed by the Citizen Representatives of the City's Environment Committee who then recommend award recipients to Mayor and Council. One (1) Environmental Award and a maximum of two (2) Environmental Stars may be awarded in each category. At their discretion, no awards or stars may be recommended in a given category in any year.

This report recommends four (4) Environmental Awards and five (5) Environmental Stars for Council's approval. As previously approved by Council on 2016 February 15, the awards will be presented at the Regular Meeting of Council on 2016 May 16. A reception hosted in the Council foyer will precede the presentation.

## **2.0 AWARD PROCESS**

This year's call for award nominations was approved by Council at its Regular Meeting on 2015 November 23. The nomination period opened on 2016 January 18 for six weeks, closing on 2016 February 29. The call for nominations was promoted at civic facilities and to Burnaby's environmental community, published on the City's website, promoted on the City's social media channels, and advertised in local newspapers. Twenty-three (23) nominations were received across the six categories. The applications were compiled by staff and reviewed with the Citizen Representatives and Chair of the Environment Committee.

## **3.0 2016 ENVIRONMENTAL AWARDS AND STARS**

The Citizen Representatives of the Environment Committee recommend for Council's approval the following nominees for Environmental Awards and Environmental Stars.

### **3.1 Environmental Awards**

#### ***In the category of Business Stewardship: False Creek Collision Eco***

**False Creek Collision Eco** is a Burnaby-based auto-body repair business. They are the first auto body shop in Greater Vancouver to use a water-based paint technology that reduces air pollution from volatile organic compounds (VOCs). They have also made significant investments in new technologies, such as an energy efficient air compression system and new lighting, to reduce energy consumption. Focusing on the sustainability of their business operations, they recently became Climate Smart certified and joined the Burnaby Board of Trade's Pledge for a

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Sustainable Community Program in 2014. Through these and other efforts, False Creek Collision Eco has demonstrated leadership in environmental sustainability for their industry.

***In the category of Community Stewardship: Burnaby Residents Opposing Kinder Morgan Expansion (BROKE)***

Formed in 2012, **Burnaby Residents Opposing Kinder Morgan Expansion (BROKE)** is a community organization of volunteers that oppose the expansion of the Trans Mountain pipeline in Burnaby. In this endeavor, BROKE has focused on educating the community about the expansion project and its potential risks to the community and the environment by organizing numerous public forums, rallies and information sessions, and by disseminating information about the project on their website and through their social media channels. More recently, in their role as Intervenor, BROKE worked closely with concerned citizens, environmental organizations and other stakeholders to prepare a submission to the National Energy Board hearings. Through their efforts, BROKE has tirelessly represented the community opposition in the regulatory decision making process and has provided a voice for those Burnaby residents who have concerns about the pipeline expansion project.

***In the category of Green Choices: Barb McMahon, founder of Sprouting Chefs***

**Barb McMahon** is a Burnaby Resident who founded the Burnaby-based non-profit organization Sprouting Chefs, which develops community and school garden programs. Ms. McMahon was instrumental in the creation of Burnaby's first edible community school garden in 2011 at Forest Grove Elementary School, for which the elementary school received an Environmental Award. Through Sprouting Chefs, she also facilitates classes in organic growing principles at five Burnaby schools, facilitates after-school garden clubs at two Burnaby schools and hosts summer cooking camps at Forest Grove Elementary. Many of these activities are supported by local businesses with whom Sprouting Chefs has formed partnerships. The efforts of Ms. McMahon and Sprouting Chefs provide unique and significant opportunities for students to learn about the importance of food, community, environmental sustainability and leadership.

***In the category of Planning and Development: Appia Developments Ltd.***

**Appia Developments Ltd. (Appia)** developed the new Solo District, which is located in Burnaby's Brentwood Town Centre. Phase 1 of this development was recently completed and the second phase is under construction. A significant environmental achievement of the Solo District is the use of a low carbon energy system for heating and cooling that is based on geothermal and geo-exchange technology. For Phase 1, it is estimated that there will be greater than 50% reduction in carbon emissions, as compared to a conventional system. On an annual basis, it is reported that the amount of emission reduction will be 300,000 GHGs, equivalent to the output of 64 cars. From an environmental sustainability perspective, the Solo District will achieve significant GHG reductions on an annual basis, resulting in a smaller carbon footprint.

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### 3.2 Environmental Stars

*In the category of Business Stewardship:*

- *Gateway Casinos and Entertainment Ltd. and L'Arche Greater Vancouver*
- *BC Technology for Learning Society*

In 2014, **Gateway Casinos and Entertainment Ltd.** (Gateway Casinos), who also received an Environmental Award in Business Stewardship in 2014, approached **L'Arche Greater Vancouver** about the possibility of making a charitable contribution to their Burnaby office. The L'Arche Foundation is a non-profit organization that is dedicated to creating homes and day programs where people with and without development disabilities live and work together. Under the guidance of the energy conservation team at Gateway Casinos, a project to reduce energy use was developed that involved upgrade of lights with high efficiency energy features, adding occupancy sensors to reduce energy use and replacement of a hot water tank at their Burnaby office. Completed in 2015, the total value of contributed goods and services from the various community partners was estimated to be \$25,000 and will result in annual operational savings of approximately \$1,200. An Environmental Star is recommended for both Gateway Casinos and the L'Arche Greater Vancouver for a unique project and partnership that resulted in positive environmental outcomes.

**BC Technology for Learning Society** is a Burnaby-based registered charity that is licensed to deliver Industry Canada's Computers for Schools program in BC. This program promotes environmental sustainability by reusing and refurbishing donated computer hardware for distribution to schools, libraries, non-profit organizations, and aboriginal communities. Sustainability is also important to their business operations. Their Burnaby-based facility is Climate Smart certified and they are registered in the Burnaby Board of Trade's Pledge for a Sustainable Community Program.

*In the category of Community Stewardship:*

- *Ruth Walmsley*
- *Dave Stafford*

**Ruth Walmsley** is a Burnaby resident who helped create the community group BROKE - Burnaby Residents Opposing Kinder Morgan Expansion. As a member of BROKE, Ms. Walmsley has been described as a 'guiding force' of this community group that has organized numerous public forums, rallies, information sessions and events that have aimed to educate the public about the potential risks of the pipeline expansion project to the community and the environment.

**Dave Stafford** has volunteered with the Burnaby Lake Park Association (BLPA) since 2004. During that time, Mr. Stafford served on the BLPA Board of Directors for 2 years and actively participated in the BLPA's annual activities, including cleaning out nest boxes, removing invasive species, planting native species, and representing the BLPA at community events. Mr.

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Stafford also volunteers his time to collect recycling and compost at many community events held at Burnaby Lake

*In the category of Youth: Lochdale Community School Green Team*

The **Lochdale Community School Green Team** was recently formed to support green initiatives in Burnaby schools. Beginning in 2016, the team has undertaken waste reduction and recycling initiatives at the school, including making the school's pancake breakfast a zero waste event where all plates, cups and food waste was recycled or composted. The zero waste pancake breakfast was led by the Grade 4 and 5 students. Partnerships are important to implementing environmental sustainability. The Lochdale Community School Green Team often works with the Burnaby North Secondary School Environmental Team.

#### 4.0 CONCLUSION

The City of Burnaby Environmental Awards Program provides an annual opportunity to recognize the significant environmental achievements of individuals and organizations in our community. For 2016, four (4) Environmental Awards and five (5) Environmental Stars are recommended for Council approval by the Citizen Representatives of the Environment Committee. The recommendations for award recipients are proposed for consideration at the Council meeting on 2016 April 25. Presentation of the Environmental Awards and Environmental Stars will take place at the Regular Meeting of Council on 2016 May 16, preceded by a reception in the foyer outside Council chambers..

This report is respectfully submitted by the Citizen Representatives of the Environment Committee for consideration.

BILL BRASSINGTON JR., Citizen Member  
Environment Committee

PETER CECH, Citizen Member  
Environment Committee

PEGGY HUA, Citizen Member  
Environment Committee

FRANK ZHAO, Citizen Member  
Environment Committee

MS/sa

*Attachment*

cc: City Manager Deputy City Manager  
City Clerk

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The City of Burnaby Environmental Awards Program recognizes contributions made by individuals, groups, organizations and businesses to the environmental sustainability of our community. This year is the 20th anniversary of the program.

The City's Environmental Awards Program consists of the Environment Awards and the Environmental Stars. The Environment Awards recognize the outstanding environmental achievements of an individual or group over a number of years, while the Environmental Stars acknowledge a significant environmental achievement at a smaller scale.

Make a nomination today and show your support for Burnaby's environmental leaders!

# Environment Awards 2016

[burnaby.ca/environmentawards](http://burnaby.ca/environmentawards)

## Award Categories

### 1 Business Stewardship

This category identifies businesses located in Burnaby, whose exemplary environmental activities have promoted sustainability in the workplace or in the community. Nominated businesses should demonstrate excellence in raising awareness of environmental issues with staff or clients, reducing the business' ecological footprint and/or notably enhancing or rehabilitating the City's environment.

### 2 Communications

This category includes newspaper articles, publications, and video, audio or multi-media presentations that help to increase the understanding of environmental issues in Burnaby. The nominated work should demonstrate a comprehensive understanding of an environmental issue and its relationship to the citizens of Burnaby.

### 3 Community Stewardship

This category identifies citizens of Burnaby who have been actively involved in promoting environmental stewardship for several years and who, through their efforts, have increased public awareness of an environmental issue or notably enhanced or rehabilitated the City's environment.

### 4 Green Choices

This category recognizes residents of Burnaby who demonstrate an exemplary commitment to environmentally friendly choices in the home, garden and community. Nominated individuals should demonstrate commitment to reducing their impact on the natural environment through any or all of the following means: household energy, waste and water efficiency, innovation in natural garden practices, and other sustainable lifestyle choices.

### 5 Planning and Development

This category highlights exemplary developments that demonstrate innovative environmental features that may include environmentally sensitive site planning, alternative energy and climate control, water conservation, storm water or wastewater management, conservation of energy, reuse of materials, the protection and enhancement of urban streams or the enhancement of wildlife habitat in the City. Developments may range in scale from large commercial, industrial, institutional or residential projects to individual new or renovated buildings.

### 6 Youth

This category recognizes the contributions that children or teenagers have made, either through their own initiatives or through school programs that have resulted in enhanced public awareness of environmental issues or notably enhanced or rehabilitated the City's environment.

## Nomination Information

Multiple recipients can be identified in any and all award categories. The deadline for nominations is Monday, February 29<sup>th</sup>, 2016. Visit the City's webpage at [burnaby.ca/environmentawards](http://burnaby.ca/environmentawards) to complete an on-line nomination form. A print version is also available.

### Award Process

The Environment Awards are given annually during Environment Week. Recipients are recommended by the Citizen Representatives of the City's Environment Committee. The list is then forwarded by the Environment Committee to City Council for review and approval. The award recipients are scheduled to be announced at Council (TBA). The awards will then be presented at a special reception (TBA).

### Additional Information

If you have any questions, comments, or require additional information, please contact:

City of Burnaby Planning Department  
Tel: 604-294-7400  
E-mail: [planning@burnaby.ca](mailto:planning@burnaby.ca)  
[burnaby.ca/environmentawards](http://burnaby.ca/environmentawards)

## Nomination Deadline:

**February 29th, 2016**