

INTER-OFFICE MEMORANDUM

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2015 JUNE 02

FROM: DEPUTY CITY CLERK

FILE: 02410-20

SUBJECT: 2015 ENVIRONMENTAL AWARDS PROGRAM
ITEM NO. 16, MANAGER'S REPORTS, COUNCIL 2015 JUNE 01

Burnaby City Council, at the Open Council meeting held on 2015 June 01, received the above noted report and adopted the following recommendations contained therein:

1. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2015 Environmental Awards to Council for consideration at Council's meeting of 2015 June 1:
 - a. A 2015 Environmental Award in the category of Business Stewardship be presented to Electronic Arts (Canada) Inc. for measuring their greenhouse gas emissions and implementing various sustainability measures to reduce their environmental and carbon footprints.
 - b. A 2015 Environmental Award in the category of Communications be presented to the Zero Waste Initiative, developed by Simon Fraser University Sustainability Office in partnership with Facilities Services, for creative and engaging communication strategies to reduce waste.
 - c. A 2015 Environmental Award in the category of Community Stewardship be presented to Stoney Creek Environment Committee for their ongoing stewardship of Stoney Creek and in recognition of the 25th Anniversary of the Great Salmon Send-Off.
 - d. A 2015 Environmental Award in the category of Green Choices be presented to Park Avenue Towers Green Team for their exceptional achievements in waste reduction and organic waste diversion in a multi-family development.

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Chair and Members, Environment Committee
From: Deputy City Clerk
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- e. A 2015 Environmental Award in the category of Planning and Development be presented to SFU Community Trust for achievements in environmental sustainability for Phase 4 of the UniverCity Master Plan.
 - f. A 2015 Environmental Award in the category of Youth be presented to Salina Kung, a student at Alpha Secondary School, for her many outstanding environmental achievements.
2. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2015 Environmental Stars to Council for consideration at Council's meeting of 2015 June 1:
- a. A 2015 Environmental Star in the category of Business Stewardship be presented to D-Wave Systems Inc. for achieving significant energy savings and operational efficiencies by upgrading their facility in Burnaby and for implementing various sustainability measures.
 - b. A 2015 Environmental Star in the category of Communications be presented to Kyle Empringham, a Burnaby youth who co-founded "The StarFish Canada", an online publication that celebrates the achievements of youth and environmental sustainability.
 - c. A 2015 Environmental Star in the category of Community Stewardship be presented to Luanne Bradshaw, a Burnaby resident who has dedicated many years to keeping the City of Burnaby clean by picking up waste and refuse.
3. **THAT** the 2015 Environmental Awards and Environmental Stars be presented at a reception at the Burnaby Lake Rowing Pavilion on 2015 June 14.
4. **THAT** a copy of this report be submitted to the Environment Committee for their information.



Sid Cleave
Deputy City Clerk

SC:rj

Copied to: Deputy City Managers



Meeting 2015 June 01

COUNCIL REPORT

TO: CITY MANAGER **DATE:** 2015 May 27

FROM: CITIZEN REPRESENTATIVES **FILE:** 33000 01
ENVIRONMENT COMMITTEE *Reference: Environmental Awards*

SUBJECT: 2015 ENVIRONMENTAL AWARDS PROGRAM

PURPOSE: To recommend recipients of the 2015 City of Burnaby Environmental Awards Program.

RECOMMENDATIONS:

1. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2015 Environmental Awards to Council for consideration at Council's meeting of 2015 June 1:
 - a. A 2015 Environmental Award in the category of Business Stewardship be presented to Electronic Arts (Canada) Inc. for measuring their greenhouse gas emissions and implementing various sustainability measures to reduce their environmental and carbon footprints.
 - b. A 2015 Environmental Award in the category of Communications be presented to the Zero Waste Initiative, developed by Simon Fraser University Sustainability Office in partnership with Facilities Services, for creative and engaging communication strategies to reduce waste.
 - c. A 2015 Environmental Award in the category of Community Stewardship be presented to Stoney Creek Environment Committee for their ongoing stewardship of Stoney Creek and in recognition of the 25th Anniversary of the Great Salmon Send-Off.
 - d. A 2015 Environmental Award in the category of Green Choices be presented to Park Avenue Towers Green Team for their exceptional achievements in waste reduction and organic waste diversion in a multi-family development.
 - e. A 2015 Environmental Award in the category of Planning and Development be presented to SFU Community Trust for achievements in environmental sustainability for Phase 4 of the UniverCity Master Plan.

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- f. A 2015 Environmental Award in the category of Youth be presented to Salina Kung, a student at Alpha Secondary School, for her many outstanding environmental achievements.
2. **THAT** the Citizen Representatives of the Environment Committee recommend the following 2015 Environmental Stars to Council for consideration at Council's meeting of 2015 June 1:
 - a. A 2015 Environmental Star in the category of Business Stewardship be presented to D-Wave Systems Inc. for achieving significant energy savings and operational efficiencies by upgrading their facility in Burnaby and for implementing various sustainability measures.
 - b. A 2015 Environmental Star in the category of Communications be presented to Kyle Empringham, a Burnaby youth who co-founded "The StarFish Canada", an online publication that celebrates the achievements of youth and environmental sustainability.
 - c. A 2015 Environmental Star in the category of Community Stewardship be presented to Luanne Bradshaw, a Burnaby resident who has dedicated many years to keeping the City of Burnaby clean by picking up waste and refuse.
3. **THAT** the 2015 Environmental Awards and Environmental Stars be presented at a reception at the Burnaby Lake Rowing Pavilion on 2015 June 14.
4. **THAT** a copy of this report be submitted to the Environment Committee for their information.

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).

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.

As approved by the Citizen Representatives and Chair of the Environment Committee, this report recommends six (6) Environmental Awards and three (3) Environmental Stars for Council's approval this year, to be awarded on 2015 June 14 at a reception at the Burnaby Lake Rowing Pavilion.

2.0 AWARD PROCESS

This year's call for award nominations was approved by Council at its Regular Meeting on 2015 February 16. The call for nominations was promoted at civic facilities and to Burnaby's environmental community, published on the City's website, promoted on social media, and advertised in local newspapers. Twenty-two (22) nominations were received. The applications were compiled by staff and reviewed with the Citizen Representatives of the Environment Committee.

3.0 2015 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

Business Stewardship (1 Award)

Electronic Arts (Canada) Inc. for measuring their greenhouse gas (GHG) emissions and implementing various sustainability measures at their Burnaby campus to reduce their environmental and carbon footprints.

Nominee Summary

Electronic Arts (Canada) Inc. employs over 1,500 employees at their Burnaby campus. In 2010, they began measures to reduce GHG emissions and in 2014 they achieved Climate Smart certification. As part of their strategy to reduce their GHG emissions, electric car charging stations were installed and a car sharing service is now available at their Burnaby campus.

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Electronic Arts also retained a third party consultant to audit all aspects of their facility and develop strategies for efficient operations. Electronic Arts facilities in Burnaby have historically emphasized environmental sustainability.

Communications (1 Award)

The **Zero Waste Initiative**, developed by Simon Fraser University Sustainability Office in partnership with Facilities Services, for creative communications and engagement strategies to reduce waste.

Nominee Summary

The **Zero Waste Initiative** was developed by the Simon Fraser University Sustainability Office, in partnership with Facilities Services. This initiative supports SFU's Sustainable Strategic Plan and aims to double the amount of landfill waste recycled or composted and to divert 70% of waste from landfills. A key focus of the initiative is creative communications and engagement strategies that promote sustainable behaviours. Since its launch in 2014, the Zero Waste Initiative has created new waste stations for use at all SFU campuses and delivered creative and engaging multi-media campaigns. At SFU in 2014, the percentage of waste diverted from landfills increased from 25% to 40%.

Community Stewardship (1 Award)

The **Stoney Creek Environment Committee** for their ongoing stewardship of Stoney Creek and in recognition of the 25th Anniversary of the Great Salmon Send-Off.

Nominee Summary

While individual members of the **Stoney Creek Environment Committee** have been recognized with Environmental awards in previous years, this award recognizes this streamkeeper group's ongoing collective stewardship efforts and marks the significance of the 25th Anniversary of the Great Salmon Send-Off that took place on May 9th of this past year. This well established community event has now engaged multiple generations of Burnaby residents in the stewardship of Burnaby's most productive salmon bearing stream.

Green Choices (1 Award):

Park Avenue Towers Green Team for their exceptional achievements in waste reduction and organic waste diversion in a multi-family development.

Nominee Summary

The **Park Avenue Tower Green Team** was formed in 2013 to educate the residents and fellow strata members of this large multi-family building about recycling and organic waste diversion.

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Their goal was to change attitudes and overcome the perceived barriers for many residents toward waste reduction, recycling and separating organics. By taking a community-based approach, removing barriers and educating their neighbours, the Park Avenue Green Team has experienced high participation and effectiveness rates in their waste reduction programs, while at the same time building a stronger community. The City of Burnaby has identified the Park Avenue Tower Green Team and their approach as a model for other multi-family dwellings to follow.

Planning and Development (1 Award):

SFU Community Trust for achievements in environmental sustainability for the Phase 4 Master Plan of UniverCity.

Nominee Summary

This Environmental award recognizes the recently enacted **Phase 4 Master Plan at UniverCity**. In developing UniverCity, a primary goal of the **SFU Community Trust** has always been to create a model of sustainable community development. As UniverCity continues to grow and transition from its early visions of sustainability, beginning Phase 4 is as an exciting milestone where innovative and cutting edge sustainable community development continues to be implemented successfully in a real world setting. Environmental sustainability initiatives include continued use of UniverCity's comprehensive green zoning bylaw that defines standards for green building and energy efficiency, expansion of the Neighbourhood Energy utility, a new rainwater management pond, and stormwater management practices that are continually refined through an adaptive management process.

Youth (1 Award)

Salina Kung, student at Alpha Secondary School, for her many outstanding environmental achievements.

Nominee Summary

Salina Kung's achievements in environmental stewardship and sustainability are exceptional. In the ninth grade, Ms. Kung won Canada's Next Green Journalist award for an article she authored about the salmonids in the classroom program at a local elementary school. She received a \$500 prize for the award and used these funds to create a second salmon stewardship initiative at her school. Presently, she serves as Chair of the Executive Committee for the Burnaby Youth Sustainability Network and in the past has served as president of her school's green club. In these capacities, some of her accomplishments include establishing a garden for growing food at her school, preparing a detailed proposal for a school district wide food scraps recycling program with support from the School Board and Be the Change Alliance, and co-organizing Vancouver's largest clothing swap with assistance from the Canadian Youth Sustainability Network.

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3.2 Environmental Stars

Business Stewardship (1 Star)

D-Wave Systems Inc. for achieving significant energy savings and operational efficiencies by upgrading their facility in Burnaby and for implementing various sustainability measures to reduce their environmental footprint;

Nominee Summary

D-Wave Systems Inc. made significant upgrades to their facility in Burnaby, using new technologies to optimize their heating and cooling systems, installing new air compressors and air dryers and installing energy efficient exterior and interior lighting. These improvements result in significant and measureable savings of electricity and natural gas use, consequently reducing their GHG emissions. They have also started a comprehensive waste management program and have retained a third party consultant to audit and develop a strategy to further reduce their GHG emissions.

Communications (1 Star)

Kyle Empringham, a Burnaby youth who co-founded “The StarFish Canada”, an online publication that celebrates the achievements of youth and environmental sustainability.

Nominee Summary

Kyle Empringham is a Burnaby youth who co-founded “The StarFish Canada”, an online publication that celebrates the achievements of youth and environmental sustainability. The website is reported to receive nearly 180,000 visits per year, mostly from youth between the ages of 15 to 30. Each year The StarFish recognizes the Top 25 Environmentalists under 25 from across Canada.

Community Stewardship (1 Star)

Luanne Bradshaw, a Burnaby resident who has dedicated many years to keeping the City of Burnaby clean by picking up waste and refuse; and

Nominee Summary

Luanne Bradshaw is a Burnaby resident who for the past 25 years has diligently taken her own initiative to keep the City of Burnaby clean by picking up waste and refuse. Ms. Bradshaw removes waste and refuse that is possible to pick up on her own, and calls the appropriate municipal staff when she encounters something larger. Her tireless efforts in this regard are an exceptional example of community stewardship.

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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 2015, six (6) Environmental Awards and three (3) 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 2015 June 1. Presentation of the Environmental Awards and Environmental Stars is proposed for a reception to be held at the Burnaby Lake Rowing Pavilion on 2015 June 14.

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

PETER CECH, Citizen Member
Environment Committee

PEGGY HUA, Citizen Member
Environment Committee

BILL BRASSINGTON JR., Citizen Member
Environment Committee

FRANK ZHAO, Citizen Member
Environment Committee

MS/sla
Attachment

cc: Deputy City Managers
City Clerk



May 30 ~ June 6, 2015
burnaby.ca/environmentweek



The City of Burnaby Environmental Awards Program recognizes contributions made by individuals, groups, organizations and companies to improve Burnaby's environment and our understanding of it. The program increases the awareness and responsibilities of the public and the City toward the environment.

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 2015

burnaby.ca/environmentawards

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.

Nominating Information

Multiple recipients can be identified in any and all award categories. The deadline for nominations is Monday, April 13th, 2015. Visit the City's webpage at 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 on Monday, May 25th, 2015. The awards will then be presented at a special reception on Sunday, June 14th.

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
burnaby.ca/environmentawards

**Nomination
 Deadline:**