

ENVIRONMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: 2012 ENVIRONMENT AWARDS PROGRAM

RECOMMENDATION:

1. THAT Council receive this report for information.

REPORT

Council, at the 'Closed' Council meeting held on 2012 May 14, received and adopted the *attached* report containing this years recipients of Burnaby's Environment Awards and Environmental Stars.

A copy of this report is being forwarded to the 2012 May 28 'Open' Council meeting for information.

Respectfully submitted,

Councillor Dan Johnston
Chair

Councillor Anne Kang
Vice Chair

Councillor Nick Volkow
Member

Copy: City Manager Deputy City Managers (2) Director Parks, Recr. & Cult. Services Director Engineering Director Planning & Building
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TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2012 May 2

FROM: CITIZEN REPRESENTATIVES
ENVIRONMENT COMMITTEE

FILE: 33000-01
Reference: Environment Awards

PAUL CIPYWNYK STANLEY JUNG
MARY LUMBY GLEN PORTER

SUBJECT: 2012 ENVIRONMENTAL AWARDS PROGRAM

PURPOSE: To recommend recipients of the 2012 City of Burnaby Environmental Awards Program.

RECOMMENDATIONS:

1. **THAT** the Environment Committee recommend the following 2012 Environment Awards to Council for consideration at Council's meeting of 2012 May 28:
 - a. The 2012 Environment Award for Community Stewardship be presented to David and Jane Burkholder for their significant dedication to streamkeeping and environmental stewardship with the Byrne Creek Streamkeepers Society.
 - b. The 2012 Environment Award for Planning and Development be presented to the project team responsible for Harmony House located at 7990 Joffre Street in Burnaby, represented by Chris Mattock, for exceptional design and implementation of environmental sustainability in a single-family home.
 - c. The 2012 Environment Award for Planning and Development be presented to the project team responsible for UniverCity Childcare Centre located on Burnaby Mountain, represented by Karen Marler and Dale Mikkelsen, for exceptional design and implementation of environmental sustainability in a community facility.
 - d. The 2012 Environment Award for Youth be presented to Burnaby Secondary School student, Jennifer Hao, for her outstanding contributions in raising environmental awareness in Burnaby.
 - e. The 2012 Environment Award for Youth be presented to Burnaby Secondary School student, Kayla Isomura, for her outstanding contributions in raising environmental awareness in Burnaby.

2. **THAT** the Environment Committee recommend the following 2012 Environmental Stars to Council for consideration at Council’s meeting of 2012 May 28:
 - a. The 2012 Environmental Star for Business Stewardship be presented to Kensington Cleaners & Laundry for their commitment to provide an environmentally-friendly dry cleaning alternative for Burnaby.
 - b. The 2012 Environmental Star for Community Stewardship be presented to Nick Kvenich for his noteworthy environmental contributions with the Eagle Creek Streamkeepers Society.
 - c. The 2012 Environmental Star for Community Stewardship be presented to John Templeton for his noteworthy environmental contributions with the Stoney Creek Environment Committee.
 - d. The 2012 Environmental Star for Green Choices be presented to the Burnaby Committee of the Vancouver Area Cycling Coalition for their dedication to promoting cycling as an environmentally sustainable transportation option in Burnaby.
 - e. The 2012 Environmental Star for Youth be presented to Burnaby Secondary School students Angela Andrievska, Ant-te Chu, Tomas Lang and Catherina Pan, for their noteworthy efforts in raising environmental awareness through the Burnaby Youth Sustainability Network.
3. **THAT** the 2012 Environment Awards and Environmental Stars be presented at an event at the Burnaby Lake Rowing Pavilion on 2012 June 10.

REPORT

1.0 BACKGROUND

Burnaby’s Environmental Awards Program is an annual City initiative that provides acknowledgement of the significant environmental accomplishments achieved in the community. The program was first established in 1996, based on direction provided in the 1993 State of the Environment Report, and in 2000, it was expanded to include an Environmental Star category. Six categories are included in the program: Business Stewardship, Communications, Community Stewardship, Green Choices, Planning and Development and Youth, as described in **Appendix A, attached**. Two designations are possible within each category:

- Environment Awards, for recognition of 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.

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 3

- Environmental Stars, for recognition of achievements of a smaller or more individual scale that may nevertheless serve to catalyze larger initiatives and inspire others.

In any given year, Environment Awards and Environmental Stars are considered in relation to the merit of the applications submitted, and the City may receive a varying number of nominations depending on response from the community.

As approved by the Citizen Representatives of the Environment Committee, this report recommends five 2012 Environment Awards and eight 2012 Environmental Stars for Council's approval, which are proposed to be awarded on 2012 June 10 at the Burnaby Lake Rowing Pavilion as part of Burnaby's Environment Week.

2.0 AWARD PROCESS

This year's call for award nominations was approved by Council at its 2012 February 20 meeting as recommended in the 2012 Environment Week and Environmental Awards Program Report. The call for nomination was promoted at civic facilities and by community members; published on the City's website; and advertised in local newspapers. An online nomination process, in addition to a mail-in nomination process, was also established to reduce paper usage. Upon the 2012 April 16 deadline, nominations were collected and reviewed by the citizen representatives of the Environment Committee.

The citizen representatives of the Environment Committee recommend for Council's approval the following five Environment Awards and eight Environmental Stars:

3.0 2012 ENVIRONMENT AWARDS

Community Stewardship

The citizen representatives recommend that the 2012 Environment Award for Community Stewardship be presented to:

David and Jane Burkholder, for their significant dedication to streamkeeping and environmental stewardship with the Byrne Creek Streamkeepers Society.

David and Jane Burkholder have volunteered with the Byrne Creek Stewardship Society for over ten years. Their contributions to the organization have included monitoring and enumeration of spawning salmon, juvenile fish trapping, aquatic invertebrate surveys, and invasive plant removal. They have both taken leadership roles in organizing streamkeeper events. David Burkholder has also been the Treasurer of the group since it began and has contributed maps, charts, and graphs for the Society's annual report.

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 4

For their significant dedication to streamkeeping and environmental stewardship with the Byrne Creek Streamkeepers Society, David and June Burkholder are recommended to receive the 2012 Environment Award in the category of Community Stewardship.

Planning and Development

The citizen representatives recommend that 2012 Environment Awards for Planning and Development be presented to the following two nominees:

The project team responsible for Harmony House, located in Burnaby, for their exceptional design and implementation of environmental sustainability in a single-family home.

Harmony House, located at 7990 Joffre Street in Burnaby, was designed and developed by an interdisciplinary team led by Chris Mattock, and was selected by the Canadian Housing and Mortgage Corporation (CMHC) for support under its EQUilibrium™ Program. The house is designed to be “net zero” meaning that it is to produce more energy than it consumes including recharging of the family’s electric car. Other sustainability features of the project include the use of renewable and recycled building materials, passive solar design, and water conservation measures, with a number of building materials sourced within Burnaby.

For its exceptional design and implementation of environmental sustainability in a single-family home, the project team responsible for Harmony House, located at 7990 Joffre Street in Burnaby, represented by Chris Mattock, is recommended to receive a 2012 Environment Award in the category of Planning and Development.

The project team responsible for the design and development of UniverCity Childcare Centre, located on Burnaby Mountain, for their exceptional design and implementation of environmental sustainability in a community facility.

The UniverCity Childcare Centre, developed by SFU Community Trust, was developed to serve the community’s child care and early learning needs, and to demonstrate a commitment to the highest standards of environmental sustainability. The design team, led by Karen Marler of Hughes Condon Marler Architects, followed the International Living Building Institute’s Living Building Challenge criteria, a system that is currently the highest standard for green building design. Buildings that are constructed to these standards must meet 7 rigorous environmental performance components, and must monitor and demonstrate performance over a one year period prior to receiving final certification. The Childcare Centre is vying to be the first building in Canada to meet this certification. Notably, the project team met SFU Community Trust’s mandate to complete the project within a budget equivalent to a ‘standard’ building. Outstanding environmental features of this facility include the use of only non-toxic building materials, generating more energy than it consumes, and a highly advanced on-site rainwater and sanitation treatment system. The Centre is a partnership with the Community Trust, SFU Childcare

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 5

Society and SFU Faculty of Early Childhood Education, and will follow the internationally recognized Reggio Emilia childcare program.

For exceptional design and implementation of environmental sustainability in a community facility, the project team responsible for the UniverCity Childcare Centre located on Burnaby Mountain, represented by Karen Marler and Dale Mikkelsen, is recommended to receive a 2012 Environment Award in the category of Planning and Development.

Youth

The citizen representatives recommend that 2012 Environment Awards for Youth be presented to the following two nominees:

Jennifer Hao, Burnaby Secondary School student, for her outstanding contributions in promoting environmental sustainability in Burnaby.

Jennifer Hao, a student at Burnaby North Secondary School, has demonstrated exceptional leadership in environmental sustainability, including as a key coordinator of the Burnaby School District's Burnaby Youth Sustainability Network, and an active organizer for the 'Do It Green' environment event over two years. She has won several awards and has been granted scholarships for her significant community contributions and commitment to environment sustainability.

For her outstanding contributions in raising environmental awareness in Burnaby, Jennifer Hao, Burnaby Secondary School student, is recommended to receive a 2012 Environment Award in the category of Youth.

Kayla Isomura, Burnaby Secondary School student, for her outstanding contributions in raising environmental awareness in Burnaby.

Kayla Isomura, a student at Cariboo Hill Secondary in east Burnaby, has played a leadership role in raising awareness about environmental sustainability. She is chair of her school's Environment Club, has volunteered for the Metro Vancouver Sustainability Network and bicycled from Surrey to Victoria to raise awareness about Climate Change with the Kids for Climate Action organization. Kayla is also a key leader of the Burnaby School District's Burnaby Youth Sustainability Network and an active organizer for their 'Do It Green' local environment event.

For her outstanding contributions in raising environmental awareness in Burnaby, Kayla Isomura, Burnaby Secondary School student, is recommended to receive a 2012 Environment Award in the category of Youth.

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 6

4.0 2012 ENVIRONMENTAL STARS

Business Stewardship

The citizen representatives recommend that the 2012 Environmental Star for Business Stewardship be presented to:

Kensington Cleaners & Laundry, for their commitment to provide an environmentally-friendly dry cleaning alternative for Burnaby.

Kensington Cleaners & Laundry is located on Hastings Street in the Lochdale neighbourhood. The business makes use of advanced dry cleaning equipment (“Miele WetCare”), and biodegradable detergent in place of the chemical solvent perchloroethylene typically used during the traditional dry-cleaning process. This new equipment and process also conserves more energy and water than the traditional method. Kensington Cleaners & Laundry is the only location to provide this service in Burnaby. The business also recycles coat hangers and intends to refit the establishment with low-energy light bulbs to further reduce energy consumption.

For their commitment to provide an environmentally-friendly dry cleaning alternative for Burnaby, Kensington Cleaners & Laundry is recommended to receive the 2012 Environmental Star in the category of Business Stewardship.

Community Stewardship

The citizen representatives recommend that 2012 Environmental Stars for Community Stewardship be presented to the following two nominees:

Nick Kvenich, for his noteworthy environmental contributions with the Eagle Creek Streamkeepers Society.

Nick Kvenich is an active member of the Eagle Creek Streamkeepers Society and has assisted in managing and promoting the organization for over ten years. He has volunteered his time and effort in the group’s annual public fish-release event along Eagle Creek which often includes additional environmental activities including storm drain marking. Nick’s environmental stewardship activities have also included contacting the City to report spills and other concerns along Eagle Creek over the years.

For his noteworthy environmental contributions with the Eagle Creek Streamkeepers Society, Nick Kvenich is recommended to receive a 2012 Environmental Star in the category of Community Stewardship.

John Templeton, for his noteworthy environmental contributions with the Stoney Creek Environment Committee.

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 7

John Templeton has been a member of the Stoney Creek Environment Committee since 2006. He is an environmentalist, fisherman and a steward of Stoney Creek, where he walks alongside the watercourse on a regular basis. He has participated in and led a number of fish-counting activities for the purpose of salmon enhancement. John has also advocated in support of protecting the Stoney Creek watershed and has liased with other groups about the importance of long-term watercourse sustainability.

For his noteworthy environmental contributions with the Stoney Creek Environment Committee, John Templeton is recommended to receive a 2012 Environmental Star in the category of Community Stewardship.

Green Choices

The citizen representatives recommend that the 2012 Environmental Star for Green Choices be presented to:

The Burnaby Committee of the Vancouver Area Cycling Coalition, for their dedication to promote cycling as an environmentally sustainable transportation option in Burnaby.

The Burnaby Committee of the Vancouver Area Cycling Coalition is a non-profit cycling advocacy organization based in the lower mainland. They have recently changed their name to HUB: Your Cycling Connection. The Burnaby Committee of this organization promotes cycling in Burnaby and has contributed input to the improvement of local cycling infrastructure and policy for over 10 years.

For their dedication to promoting cycling as an environmentally sustainable transportation option in Burnaby, the Burnaby Committee of the Vancouver Area Cycling Coalition is recommended to receive the 2012 Environmental Star in the category of Green Choices.

Youth

The citizen representatives recommend that 2012 Environmental Stars for Youth be presented to the following four nominees:

Burnaby Secondary School students, Angela Andrievska, Ant-te Chu, Tomas Lang, and Catherina Pan, for their noteworthy efforts in raising environmental awareness through the Burnaby Youth Sustainability Network.

Angela Andrievska, Burnaby Central Secondary School student; Ant-te Chu, Moscrop Secondary School student; Tomas Lang, Alpha Secondary School student; and Catherina Pan, Burnaby South Secondary School student, are members of the Burnaby Youth Sustainability Youth Network (BYSN), and are each an important leader of this local youth organization. They are each helping to coordinate this year's Burnaby School District #41 and BYSN 'Do It

To: Environment Committee
From: Citizen Representatives, Environment Committee
Re: 2012 Environment Awards and Stars
2012 May 02..... Page 8

Green' local environment event, and have played a considerable role in helping the School District save \$1.6 million through related environmental activities and initiatives.

For their noteworthy efforts in raising environmental awareness through the Burnaby Youth Sustainability Network, Burnaby Secondary School students Angela Andrievska, Ant-te Chu, Tomas Lang, and Catherina Pan are recommended to receive an Environmental Star in the category of Youth.

5.0 CONCLUSION

The Burnaby Environmental Awards Program provides an annual opportunity to recognize the significant environmental achievements of individuals and organizations in the community. This year, five 2012 Environment Awards and eight 2012 Environmental Stars are recommended for Council approval by the Citizen Representatives, based on a review of their significant achievements. The recommendations for award recipients are proposed for consideration at the Council Meeting on 2012 May 28, and the Environment Awards and Environmental Stars are proposed to be presented at an event held at the Burnaby Lake Rowing Pavilion on 2012 June 10.

This report is respectfully submitted by the citizen representatives of the Environment Committee for consideration.

PAUL CYPYNYK, Citizen Member
Environment Committee

STANLEY JUNG, Citizen Member
Environment Committee

MARY LUMBY, Citizen Member
Environment Committee

GLEN PORTER, Citizen Member
Environment Committee

GB:jc
Attachment