

**ENVIRONMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: CITY OF BURNABY 2006 ENVIRONMENT AWARDS &  
ENVIRONMENTAL STARS**

**RECOMMENDATION:**

1. THAT Council receive this report for information.

**REPORT**

Council, at its 'Closed' meeting held on 2006 May 15, 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 2006 May 29 'Open' Council meeting for information.

Respectfully submitted,

Councillor Dan Johnston  
Chair

Councillor Pietro Calendino  
Vice Chair

COPY: CITY MANAGER  
DIRECTOR PLANNING & BUILDING  
DIR. PARKS, REC. & CULTURAL SERV.

Councillor Lee Rankin  
Member

**ENVIRONMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: CITY OF BURNABY 2006 ENVIRONMENT AWARDS &  
ENVIRONMENTAL STARS**

**RECOMMENDATIONS:**

1. THAT the 2006 Environment Award in Community Stewardship - Exemplary Environmental Business Practices be presented to the Purolator Couriers for their commitment to clean air hybrid electric vehicle technology in Burnaby.
2. THAT the 2006 Environment Award in Planning and Development be presented to the Burnaby School District and CJP Architects for the design and development of Byrne Creek Secondary School.
3. THAT the 2006 Environment Award in Community Stewardship be presented to Paul Cipywnyk and Yumi Kosaka for their years of dedication to the Byrne Creek Streamkeepers.
4. THAT the 2006 Environment Award in Community Stewardship be presented to Christine Leston for her years of dedication to the Stoney Creek Environment Committee, Stoney Creek Environmental Working Group and the Great Salmon Send-off.
5. THAT the 2006 Environment Award in Chemical Free Lawns and Gardens be presented to Margot Moser, a 30 year resident of Buckingham Heights.
6. THAT an Environmental Star be presented to Co-operative Auto Network for their Exemplary Environmental Business Practices through their commitment to providing alternative, fuel efficient transportation options to Burnaby residents.
7. THAT an Environmental Star be presented to TQ Construction as a Burnaby based leader in environmental design and construction for single-family homes.

8. THAT an Environmental Star be presented to Eleanor King for her ongoing environmental contribution to the Byrne Creek Streamkeepers and the Burnaby South Secondary "Green Team."
9. THAT an Environmental Star be presented to The Weedbusters for their diligence and dedication to naturally removing invasive species in Burnaby Lake Park.
10. THAT Mrs. P. Fieldhouse and Mrs. L. Gilmore receive an honourable mention for their coordination of the Aubrey Elementary school recycling program.
11. THAT Kyle Koverola receive an honourable mention for his environmental business initiative Bottle Rescue.
12. THAT 15<sup>th</sup> Horizontes Baden Powell Service Association receive an honourable mention for their enthusiastic contribution to local environmental events.
13. THAT the 2006 Environment Awards, Environmental Stars and nominees of honourable mention be announced on 2006 May 29 at the regular meeting of Council, and that the awards be presented at a special afternoon reception at Ceperley House in Deer Lake Park, on 2006 June 11, to be generously sponsored by Honeywell.

### **REPORT**

The Environment Committee, at its Closed meeting held on 2006 May 09, received and adopted the *attached* report providing nominations for the 2006 City of Burnaby Environment Awards and Environmental Stars. The Committee advised that these individuals and groups have demonstrated exemplary works which enhance the City's natural environment while encouraging stewardship.

Respectfully submitted,

Councillor Dan Johnston  
Chair

Councillor Pietro Calendino  
Vice Chair

Councillor Lee Rankin  
Member

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**TO:** CHAIR AND MEMBERS  
ENVIRONMENT COMMITTEE

**DATE:** 2006 May 04

**FROM:** CITIZEN REPRESENTATIVES

**FILE:** 33000-01

JOAN CARNE  
GARY LANYON  
BILL SCHWARTZ  
SID WONG

**SUBJECT:** CITY OF BURNABY 2006 ENVIRONMENT AWARDS  
AND ENVIRONMENTAL STARS

**PURPOSE:** To recommend the recipients of the 2006 City of Burnaby Environment Awards, Environmental Star Awards and Nominees of Honourable Mention.

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**RECOMMENDATIONS:**

1. **THAT** the Environment Committee recommend the following 2006 Environment Awards to Council:
  - a) The 2006 Environment Award in Community Stewardship - Exemplary Environmental Business Practices be presented to the Purolator Couriers for their commitment to clean air hybrid electric vehicle technology in Burnaby.
  - b) The 2006 Environment Award in Planning and Development be presented to the Burnaby School District and CJP Architects for the design and development of Byrne Creek Secondary School.
  - c) The 2006 Environment Award in Community Stewardship be presented to Paul Cipywnyk and Yumi Kosaka for their years of dedication to the Byrne Creek Streamkeepers.
  - d) The 2006 Environment Award in Community Stewardship be presented to Christine Leston for her years of dedication to the Stoney Creek Environment Committee, Stoney Creek Environmental Working Group and the Great Salmon Send-off.
  - e) The 2006 Environment Award in Chemical Free Lawns and Gardens be presented to Margot Moser a 30 year resident of Buckingham Heights.

2. **THAT** the Environment Committee recommend the following Environmental Stars to Council:
  - a) Co-operative Auto Network for their Exemplary Environmental Business Practices through their commitment to providing alternative, fuel efficient transportation options to Burnaby residents.
  - b) TQ Construction as a Burnaby based leader in environmental design and construction for single-family homes.
  - c) Eleanor King for her ongoing environmental contribution to the Byrne Creek Streamkeepers and the Burnaby South Secondary "Green Team."
  - d) The Weedbusters for their diligence and dedication to naturally removing invasive species in Burnaby Lake Park.
  
3. **THAT** the Environment Committee recommend the following nominees receive an honourable mention for their environmental achievements:
  - a) Mrs. P. Fieldhouse and Mrs. L. Gilmore for their coordination of the Aubrey Elementary school recycling program.
  - b) Kyle Koverola for his environmental business initiative Bottle Rescue.
  - c) The 15<sup>th</sup> Horizontes Baden Powel Service Association for their enthusiastic contribution to local environmental events.
  
4. **THAT** the 2006 Environment Awards, Environmental Stars and nominees of honourable mention be announced on 2006 May 29 at the regular meeting of Council, and that the awards be presented at a special afternoon reception at Ceperley House in Deer Lake Park, on 2006 June 11, to be generously sponsored by Honeywell.

## **REPORT**

### **1.0 BACKGROUND**

Within the State of the Environment Report (SOER), adopted in 1993, there is a provision for Shared Stewardship, an idea that seeks opportunities for community stewardship, environmental awareness and public information. One of the specific ideas discussed in the report is the need "to establish an environmental awards program to recognize environmental achievements." Council subsequently adopted terms of reference for an environmental awards program to recognize important environmental achievements in a variety of areas. The first City Environment Awards were presented during Environment Week 1996, and have occurred annually during Environment Week since that date.

At its meeting of 2000 March 27, Council adopted the terms of reference for the Environmental Stars program to recognize important environmental works by members of the community which fall outside the scope of the Environment Awards.

The recommendations for the 2006 Environment Awards, Environmental Stars and nominees of honourable mention are outlined in this report, as advanced by the citizen representatives of the Environment Committee for the consideration of the Committee. The terms of reference for the City of Burnaby Environment Award and Environmental Stars programs are outlined in *Appendix A, attached*.

## 2.0 AWARD PROCESS

A call for nominations is made annually through the local newspapers and on the City's web page. The Environment Awards are given annually by Council, through recommendations of citizen representatives of the Environment Committee. The Committee is not compelled to recommend Award winners to Council in any or all categories if they feel there are no appropriate candidates in a given year. Multiple recipients can also be named in any category. The Environmental Stars can be awarded throughout the year, and recommendations may come from either the citizen representatives or members of Council.

In past years the Category of Community Stewardship has been broadly defined to include individuals and groups that increase public awareness of environmental issues. However, from time to time local businesses that project a heightened environmental awareness in their day to day operations have also been included. To formalize the interpretation of this broad category, a sub category of Community Stewardship, Exemplary Environmental Business Practices, has been included this year. The Environment Awards terms of reference will be updated to reflect this for next year's call for nominations.

It is recommended that the Awards, Stars and nominees of honourable mention be announced at the regular Council meeting of 2006 May 29, and be presented at a special Environment Week afternoon reception at Ceperley House in Deer Lake Park, hosted by Council, on 2006 June 11. Corporate sponsorship for the Environment Awards reception has been generously provided by Honeywell, the City's partner in the EnergyFit program.

## 3.0 2006 ENVIRONMENT AWARDS

### **Community Stewardship Award – Exemplary Environmental Business Practices**

The citizen representatives recommend that the 2006 Environment Award for Community Stewardship – Exemplary Environmental Business Practices be presented to:

*Purolator Couriers for their commitment to hybrid electric vehicles in Burnaby*

Purolator Couriers is Canada's largest courier company with 170 shipping centres, 12,500 employees, 3,500 couriers and 5.5 million packages delivered per week. In a landmark decision in 2003, Purolator decided to purchase 115 hybrid electric vehicles from Burnaby based Azure Dynamics, the largest order of its kind in the industry. The vehicles were delivered and had their first test service year in 2005 out of the Burnaby shipping centre. After the first month of field testing, Purolator saw a 50% reduction in greenhouse gas emissions and a 50% increase in fuel efficiency. The company plans to

begin replacing its 3,700 service vehicles by purchasing 400 Azure Dynamics hybrid electric vehicles per year. In addition to the replacement of its fleet, Purolator has a strict no-idling policy and utilizes a route optimizing GPS program which helps to conserve fuel and reduce vehicle emissions, as well as reduce the overall distance travelled by their vehicles.

For their commitment to pursuing Burnaby based hybrid electric vehicles and using the Burnaby shipping Centre as its test site, Purolator Couriers has been recommended to receive an Environmental Award in the category of Community Stewardship – Exemplary Environmental Business Practices.

### **Planning and Development Award**

The citizen representatives recommend that the 2006 Environment Award in Planning and Development be presented to:

*The Burnaby School District and CJP Architects for the design and development of Byrne Creek Secondary School.*

The new Byrne Creek Secondary School was completed for the 2005 academic year. This state of the art building applies concepts of energy and water conservation, ecological design and stormwater management. The school was designed by CJP Architects and currently accommodates 900 students from grades 8-11 with Grade 12 being added for the 2006/2007 academic year. Some of the environmental features of the building include passive solar heating through two glazed atriums, motion detecting lighting, low flow bathroom fixtures, natural ventilation and cooling systems, on-site stormwater management and a 14,308 m<sup>2</sup> artificial turf field that eliminates the requirement for artificial fertilizing and watering. In addition to the traditional environmental features, this school focuses on sustainability, through socially conscious design. The school provides open congregation space within its two atriums where students are free to interact. The curriculum is also tailored to this approach with comprehensive media, art, dance and music programs as well as a centre for dialogue where students can foster their skills in debate.

Due to the sustainability approach taken in the design and development of the new Byrne Creek Secondary School, the Burnaby School District and CJP Architects have been recommended for the Environment Award in the Category of Planning and Development.

### **Community Stewardship Awards**

The citizen representatives recommend that a 2006 Environment Awards in Community Stewardship be presented to:

*Paul Cipywnyk and Yumi Kosaka of the Byrne Creek Streamkeepers.*

Paul Cipywnyk and Yumi Kosaka (husband and wife) have been long time members of the Byrne Creek Streamkeepers. Dedicated to the stewardship of Byrne Creek since 2002, the couple has participated and organized many of the group's events and has

helped to monitor the health of the creek on a daily basis. They took a lead role in the response to the devastating spill into Byrne Creek on February 26, 2006 and work tirelessly to improve awareness of local waterways throughout Burnaby.

For their work with the community and their dedication to the health of Byrne Creek, Paul Cipywnyk and Yumi Kosaka have been recommended for an Environment Award in the Category of Community Stewardship.

The Citizen Representatives Recommend that a 2006 Environment Award in Community Stewardship also be presented to:

*Christine Leston of the Stoney Creek Environment Committee.*

Christine Leston has been a member of the Stoney Creek Environment Committee since its inception. Christine is a resident of the Lougheed Town Centre area and is active in the monitoring and management of the Stoney Creek watershed. As the treasurer for the Stoney Creek Environment Committee and a key organizer of the Great Salmon Send-off she is responsible for managing the fundraising and financing for these necessary organizations. Christine also conducts ecology walks for community members through the riparian area, with specific knowledge of bird species. In concert with her colleagues in the Stoney Creek Environment Committee, Christine exemplifies the dedication of an environmental steward in Burnaby.

For her dedication to Stoney Creek and the Great Salmon Send-off Christine Leston has been recommended for an Environment Award in the Category of Community Stewardship.

### **Chemical Free Lawns and Gardens Award**

The citizen representatives recommend that the 2006 Environment Award in Chemical Free Lawns and Gardens be presented to:

*Margot Moser, Buckingham Heights Resident*

Margot Moser has been a Buckingham Heights Resident for over 30 years. Over that time she has converted her half acre property into a natural garden paradise. Committed to native plant species, she has spent many years fostering the growth of mature conifers on her property and has replaced many of the foreign plant species such as Frosythia, lilac, Japanese quince and others in favour of planting domestic species. She has over 100 native species in her garden, many germinated from seeds on her property. She also has developed some unique domestic hybrids.

Margot and her husband have recently sold their property to a builder that intends to redevelop the property and garden. They have chosen to retire to Vancouver Island where she is committed to start again on a new natural garden. To preserve some of her



unique native species, she has donated many of her garden plants to the Burnaby Rhododendron and Garden Society plant sale held on Sunday, April 23

For her dedication to natural gardening in Burnaby for over 30 years, Margot Moser has been recommended to receive the Environment Award in the category of Chemical Free Lawns and Gardens.

#### 4.0 2006 ENVIRONMENTAL STARS

##### **Community Stewardship – Exemplary Environmental Business Practices**

The citizen representatives recommend 2006 Environmental Star in Community Stewardship – Exemplary Environmental Business Practices be presented to:

*The Cooperative Auto Network for their car share program in Burnaby.*

The Co-operative Auto Network (CAN) is a not-for-profit co-operative venture incorporated to foster car sharing as an alternative to the privately-owned automobile. CAN is an environmentally responsible and economically sound choice for many people's mobility needs. Through car sharing they aim to improve air quality, reduce stresses on green space and eliminate many non-point sources of pollution. With over 2,254 members (65 in Burnaby) and 121 vehicles, CAN is able to reduce the number of cars on the road by accommodating approximately 18 people per car. Although the company is based in Vancouver, they have hybrid and fuel efficient vehicles stationed strategically throughout Burnaby including Metrotown SkyTrain Station, Edmonds SkyTrain Station, Lougheed SkyTrain Station and at SFU within the UniverCity development. The company, with the assistance of the City, successfully negotiated to have one Car coop parking space per new Development at UniverCity. The Cooperative Auto Network is also a strong environmental advocate, participating in a number of Burnaby's community events including Rivers Day, the Great Salmon Send-off and Environment Week.

For their commitment to helping forward alternative modes of transportation in Burnaby, the Cooperative Auto Network has been recommended to receive an Environmental Star Award in the category of Community Stewardship – Exemplary Environmental Business Practices.

##### **Planning and Development Star**

The citizen representatives recommend a 2006 Environmental Star in the Planning and Development category be presented to:

*TQ Construction for their innovation in single-family green building design and construction.*

TQ Construction, a Burnaby based company, is a leader in environmental design and construction for single-family homes. They recently won 5 Georgie Awards (The Canadian Homebuilders Association of BC Awards) including one for a green renovation in North Vancouver. This project included environmental features such as the use of local and recycled materials (e.g. flooring), high performance windows and insulation, passive solar heating, energy efficient heating and cooling, water wise faucets and fixtures and they were able to recycle 60% of the construction waste back into the home. The home is also economically sustainable with an overall construction budget of only \$200,000.

For their continued work leading the industry in single-family Green Building design and development, TQ Construction has been recommended to receive an Environmental Star award in the category of Planning and Development.

### **Youth Star**

The citizen representatives recommend a 2006 Environmental Star in the Youth category be presented to:

*Eleanor King, Burnaby South Secondary Student and Byrne Creek Streamkeepers Member.*

Eleanor King has been an active member of the Byrne Creek Streamkeepers and the Burnaby South Secondary School “Green Team” for the past two years. She regularly attends the streamkeepers monthly business meetings and keeps the group informed of activities in the community and at Burnaby South Secondary School. Eleanor plays a key role in connecting the Byrne Creek Streamkeepers with youth in the community and helps to raise awareness of watershed and other environmental issues amongst her peers.

For her dedication to the Byrne Creek Streamkeepers and the Burnaby South Secondary “Green Team”, Eleanor King has been recommended to receive the Environmental Star award in the Category of Youth.

### **Chemical Free Lawns and Gardens Star**

*Weedbusters – Burnaby Lake Park Association*

The Burnaby Lake Weedbusters are a volunteer group that are committed to helping restore biodiversity at Burnaby Lake Regional Park. The intent of this initiative sponsored by GVRD Parks and the Burnaby Lake Park Association is to remove invasive species that are crowding out native plants and displacing local wildlife. Weedbusters at Burnaby Lake have removed more than 2,000 Scotch broom shrubs using weed wrenches and over the past year, Burnaby Lake Weedbusters removed more than two tonnes of policeman’s helmet, two tonnes of broom and plenty of English ivy.

For their diligence and dedication to removing invasive species naturally, The Burnaby Lake Weedbusters have been recommended to receive an Environmental Star award in the category of Community Stewardship for their years of work restoring the natural biodiversity of Burnaby Lake Park.

## **5.0 NOMINEES OF HONOURABLE MENTION**

### *Kyle Koverola, Youth Entrepreneur – Bottle Rescue*

Kyle Koverola is 19 years old, holds a full time job and runs a community recycling business in his spare time. Kyle has made a positive contribution to his community, by starting an environmental business called Bottle Rescue. His goal was to reduce the number of recyclable containers that went into the landfill by offering to pick-up containers from local residents, businesses and the seniors who do not own vehicles and or who can not return their items to the local depot. In return for his service he pays 50% of the deposit back to the client and donates a third of his portion to local charities. He also encourages the client to donate their portion to charity as well.

### *Mrs. P. Fieldhouse & Mrs. L. Gilmore for their organization of the Aubrey Elementary Recycling Program.*

Mrs. P. Fieldhouse, a teacher at Aubrey Elementary School, and Mrs. L. Gilmore, a parent volunteer, have worked with the grade 4 and 5 students for the past four years organizing a school wide recycling program. The students collect bottles, cans and juice boxes on a daily basis and Mrs. Gilmore takes the containers to a recycling depot. Over the past four years the recycling program has raised over \$1,500, which has been donated to the Burnaby Children's Fund.

### *15th Horizontes Baden Powel Service Association*

The 15th Horizontes Baden Powel Service Association is a Spanish speaking group of independent scouts in Burnaby who have contributed to many community environmental events such as Earth Day at Burnaby Lake and the Edmonds Clean Sweep. They have also participated in a number of Byrne Creek events and are keen to learn about local streams and watersheds in Burnaby.

## **6.0 CONCLUSION**

The citizen representatives of the Environment Committee recommend that the recipients identified in this report receive the 2006 Environment Awards, 2006 Environmental Stars and honourable mention as outlined. The citizen representatives feel these individuals and groups have demonstrated exemplary works which enhance the City's natural environment while encouraging stewardship.

It is recommended that the 2006 City Environment Awards be announced on 2006 May 29 at the regular meeting of Council. It is also proposed that the awards be presented at a special afternoon reception at Ceperley House in Deer Lake Park on 2006 June 11 sponsored by Honeywell. The Awards afternoon also serves as an opportunity for the City to host its many environmental volunteers and community stewards.

**JOAN CARNE**, Citizen Member  
Environment Committee

**GARY LANYON**, Citizen Member  
Environment Committee

**BILL SCHWARTZ**, Citizen Member  
Environment Committee

**SID WONG**, Citizen Member  
Environment Committee

JBS/sla/sa  
Attachment

Copied To: City Manager  
Director Parks, Recreation and Cultural Services

## **Appendix A - City of Burnaby Environment Award & Environmental Stars Categories**

The City of Burnaby Environment Awards and Environmental Stars recognize outstanding contributions made by individuals, organizations or companies to improve Burnaby's environment and our understanding of it. Both programs increase awareness of opportunities available to the public and the City to become more environmentally responsible. While the specific categories of awards are described below, the Committee does reserve the right to recommend awards to candidates that do not fall into any of the categories as outlined. It should be noted that the same categories apply to both the Awards and the Stars, although the criteria for the Stars is less rigorous.

### ***Communications***

This category includes newspaper articles, publications, video, audio, multi-media or visual/graphic presentations and community or public events that help to increase the awareness and 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.

### ***Planning and Development***

This category highlights exemplary developments that demonstrate innovative environmental features that may include environmentally sensitive site planning, solar energy, water conservation, storm water or wastewater management, conservation of resources through the 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 or sites.

### ***Community Stewardship***

This category identifies citizens or groups in 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.

### ***Youth***

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

### ***Chemical-Free Lawns and Gardens (Herbicide and Pesticide Free)***

This category recognizes those in the community who have demonstrated and undertaken chemical-free approaches to gardening and landscaping, and which provide a strong showcase for alternative approaches to cosmetic herbicide and pesticide use in the City.

