

**Present:**

B. Hayne - Chair  
B. Campbell  
G. Sahota  
B. Stewart  
C. Dragomir  
A. Schulze

**Regrets:**

S. VanKeulen, AFSAC Rep.  
J. Stewart  
G. James  
J. Purewal

**Staff Present:**

C. Baron, Drainage Services Manager  
L. Luaifofo, Legislative Services  
G. Ward, Urban Forestry & Envir. Mgr.  
A. Mathewson, Sustainability Manager

**Guests:**

Deb Jack, Surrey Environmental  
Partners

**A. ADOPTION OF MINUTES**

It was Moved by C. Dragomir  
Seconded by B. Stewart  
That the minutes of the Environmental  
Advisory Committee meeting held on October 24, 2012 be adopted.  
Carried

- The agenda was varied to include the Biodiversity Conservation Strategy Working Group meeting update from Al Schulze.
- The Committee voted in favour to receive electronic agenda packages.

**B. DELEGATIONS****1. Community Energy and Emissions Plan (CEEP) Update**  
File no. 0512-02

Anne Mathewson, Sustainability Manager provided an update on the Community Energy and Emissions Plan (CEEP) which included:  
Background, Project Administration, Public and Stakeholder engagement to date, Energy Use and Emissions by Sector and Sub-Sector, 2007 Energy Expenditures, a Community Wide Energy Spending Analysis and a Community GHG Analysis.

The additional comments were made:

- Three scenarios were developed, comprised of strategies under each of the following areas:
  - Land Use
  - Transportation
  - Buildings
  - Energy Supply
  - Waste

- Staff and consultants are currently fleshing out strategies that lean toward the nature and intensity of mostly Scenario 1 and some Scenario 2.
- Deep per capita and community-wide energy and carbon reductions are challenging beyond metropolitan cores.
- Strategies have been developed that begin to bend Surrey's energy and emission trajectory that has been steadily climbing.
- Strategy Areas include:
  - Low Carbon Cars
  - Low Carbon District Energy
  - New Construction – energy efficient buildings
  - Existing Buildings – retrofits
  - Land Use
  - Transit and Transportation Demand Management
  - Active Transportation

Next steps of CEEP include:

- ENERGYShift Café at the Surrey Arts Centre on December 6 from 6-9 pm
- Sectoral Round Tables in January, 2013
- Consultant to refine strategies, rerun projections and draft plan
- Ongoing staff review
- Bring to SMT and Advisory Committees early in 2013
- Present CEEP to Council in spring 2013

The Committee made the following comments:

- It was questioned what is being done with the strategies under the Land Use sector? Staff noted that what is happening is consistent with the emerging revised Official Community Plan. More focus is on growth along corridors.
- It was questioned how aggressive Metro Vancouver is with respect to emissions reduction? Staff noted that transit plans are marketing this on more than one front. To justify requests for transit corridors, there has to be a commitment to the densities. District energy cannot be done without the density too.
- At Copenhagen, all the nations agreed on 2 degree change in global temperature as the maximum. It is a longstanding, strongly agreed to number. For example, they had a report from international energy agency that said the world is on a long term path of a 2.6 degree increase. We are now at 0.8 and we have storms, fires and droughts. It was questioned if there is a percentage reduction attached to that number? Where do they go to achieve that 2%? Staff is to inquire.
- In regards to residential buildings and commercial buildings, the biggest struggle is having large enough financing packages available. It was questioned if anything has been looked at in terms of this? Staff noted that the different options are being looked at. Utilities are being asked to look at as well as financing retrofits on utility bill. The City of Vancouver has pieced together a retrofit program.

**2. Tree Management Plan Report**

File no. 6300-01

Greg Ward, Manager, Urban Forestry & Environmental Programs provided a report on the Tree Management Plan for public property.

The plan was formed from a recommendation in the Parks, Recreation and Culture Strategic Plan. The objective is to ensure the sustainability of the City's shade tree resource in a cost effective manner.

The Scope of Plan includes:

- Public property shade trees located on streets and parks
- Determine the benefits and set broad goals for tree establishment
- Issue identification and recommendations
- Provide long term strategic direction (15-20 years)
- Planning, design and development
- Maintenance
- Engaging community

The Process of Development of the Plan includes:

- Develop Terms of Reference and engage consultant (Diamondhead)
- Conduct internal cross departmental staff meetings
- Conduct research and assessment of current situation
- Development of Draft Plan
- Review of Draft by City Committee's
- Review of Draft by Mayor and Council
- Update Draft and post for public feedback
- Finalization of the Plan
- Report to Mayor and Council on Final Draft

The report also covered:

- Cost benefit
- Canopy cover
- Population of dynamics
- Planning, design and development
- Maintenance
- Public education and awareness

The additional comments were provided:

- The City of Surrey had good program for years with respect to planting and maintenance of trees which is a \$3 million dollar plan.
- Surrey has over 70,000 street trees and 18,000 park trees actively managed. 4500 shade trees are planted each year through development.
- Diamondhead Consulting completed research using software that determines the benefits of trees.

- Best management practices were identified throughout the plan. A report card was developed for the system and every 2 or 3 years, a report card will be completed.

## C. OUTSTANDING BUSINESS

## D. NEW BUSINESS

### 1. Environmental Advisory Committee Terms of Reference

The Terms of Reference for the Environmental Advisory Committee was reviewed and the following comments were made:

- The Chair noted that the EAC would be the best place to deal with some of the questions about sustainable greenhouse gas reduction targets and climate change issues. The Committee will broaden its scope to include the "built" environment along with the "natural" environment.
- Proposed changes include:
  - Adding "Sustainability" to Committee name – Environmental Sustainability Advisory Committee
  - Adding "and built" to 2. Purposes – "natural and built environment"
- Staff suggested the Committee add district energy to the workplan.
- The CEEP will be brought forward to the Committee for thorough discussion.
- By clarifying the Committee's definition and Terms of Reference; this is a step to align the Committee with the Sustainability Charter.
- The Committee expressed the need to be activists and take action with the presentations that are made to the Committee as this is the scope of the Committee's work.
- The Committee noted that adding the word, "built" can be confusing.
- The Committee noted that clarification be received on whether Council would prefer a written report or delegation to attend Council to provide an update on the EAC. The clause under, "Procedure" of the Terms of Reference, states under number 17. *"The Environmental Advisory Committee will report to Council annually on projects and progress"*.

The proposed changes to the Terms of Reference will be discussed at the December EAC meeting. The Committee's Workplan will also be reviewed and updated for 2013.

## E. ITEMS REFERRED BY COUNCIL

**F. CORRESPONDENCE****G. INFORMATION ITEMS****1. Development Advisory Committee (DAC) Update**

An update from the DAC meeting of November 22, 2012, was provided as follows:

- Owen Croy, Parks was in attendance at the meeting to advise the Committee that the parks acquisition fund, fees from DCC's have not been increased since 2000 and was seeking to increase the fee to allow for additional money to purchase parks.

**2. Biodiversity Conservation Strategy Working Group Meeting Update**

The Biodiversity Conservation Strategy Working Group met for the third planning meeting that took place on November 27, 2012.

There were 25 attendees including facilitators from EcoPlan and Diamondhead Consulting, key city staff and representatives from Delta, MetroVancouver and a homebuilder who sits on the Development Advisory Committee. The smallest group were the citizen stakeholders from Surrey/White Rock, including individuals from A Rocha and Semiahmoo First Nation (Joanne Charles).

The agenda of the most recent meeting included:

- An update on how the feedback from the second meeting was incorporated.
- A presentation by the biologists of the updated mapping, showing the current state of the Green Infrastructure Network including major hubs and wildlife corridors (existing and proposed);
- A depiction of recently updated management units and the objective for each;
- A discussion of major constraints and opportunities in the proposed GIN (e.g. existing/proposed development, highways, etc.)
- Further discussion of existing and proposed policies to support the BCS.

As a final exercise, the three groups poured over the maps provided to give feedback concerning the diverse core habitat areas, optimal corridors and the refinement of management units.

There will be a fourth meeting in January to tie any loose knots.

**3. Electric Vehicles and Stations in Surrey**

The City received funding through the province for Level 2 Electric Vehicle Stations to be put in place by March 31, 2013. The City will receive a subsidy of \$4000 per station. The plan is for 14 stations to be installed in the City with 8 at the new Cityhall, one will be located at Surrey Sport and Leisure and one at a library. Level 2 charge stations take approximately 4-6 hours to charge.

The province approached the City about installing a DC fast charge site which will charge vehicles in approximately 20-30 minutes. This would be ideal for people who live here or travel through the province. The province has a big initiative to have 30 in by March, 2013.

**4. Federation of Canadian Municipalities (FCM)**

The City of Surrey received a letter from the FCM congratulating the City for completing Milestones 4 and 5 of the FCM Milestone Framework. Only 15 communities in Canada have reached these milestones.

**H. OTHER BUSINESS**

**I. NEXT MEETING**

The next meeting of the Environmental Advisory Committee will be held on **December 12, 2012** at 6:30 p.m. in the Executive Board Room.

**J. ADJOURNMENT**

It was  
  
meeting do now adjourn.

Moved by G. Sahota  
Seconded by R. Grewal  
That the Environmental Advisory Committee

Carried

The Environmental Committee adjourned at 9:00 p.m.

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Jane Sullivan, City Clerk

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Bruce Hayne, Chair  
Surrey Environmental Advisory Committee