

Environmental Sustainability Advisory Committee - Minutes

Present:

Chair – Councillor Starchuk
R. Bains
S. Sabharwal
G. Sahota (Rep. to DAC)
M. Sharma
D. Skaey
J. Stewart
A. Fasciani (YR)

Regrets:

N. Hogan
G. James
J. Young
S. Van Keulen (AFSAC Rep.)

Staff Present:

S. Godwin, Environmental Coordinator
N. Aven, Urban Forestry & Environmental
Programs Manager
L. Luaifoa, Legislative Services

A. ADOPTION OF MINUTES

1. Environmental Sustainability Advisory Committee Minutes of July 22, 2015 to be approved.

It was

Moved by J. Stewart

Seconded by D. Skaey

That the minutes of Environmental

Sustainability Advisory Committee meeting held on July 22, 2015 be approved.

Carried

B. DELEGATIONS

1. **Coastal Transmission System Project**
File: 5500-07

Joan Isac, Community Relations Manager, Ian Miki, Project Director and Jennifer Robertson, Environment Manager, Fortis BC was in attendance and presented to the Environmental Sustainability Advisory Committee (ESAC) on the Coastal Transmission System (CTS) project.

The following comments were made:

- The CTS consists of three pipeline segments in Surrey and Coquitlam that are single pipeline. The CTS project includes an upgrade of the existing system by installing parallel pipelines between the following stations; Cape Horn and Coquitlam stations, Nichol and Port Mann stations and Nichol and Roebuck stations. Plans include the installation of 1.5 km of 42 inch pipe and 5 km of 36 inch pipe will be installed in Surrey.
- The purpose of the project is to ensure the safety and security of the public, Fortis' employees, the natural gas system and the environment. If a pipeline becomes damaged, 220,000 natural gas customers in Surrey would be affected. The installation of parallel pipelines will increase the

reliability of the existing system, enable in-line inspections to assess the integrity of the pipeline and provide additional capacity.

- The project is currently in the engineering phase. Next steps include; procuring materials such as large diameter piping and to work on clearing vegetation and encroachments such as fences and other structures on the utilities Right of Way. The target is to have this work completed prior to the construction contractor coming on board in the summer.
- Fortis BC continues to work with the City of Surrey to confirm road crossings, obtain environmental permits and any other permits from other departments that are part of the design process. Construction for the project is scheduled for early 2017 and the in-service date is late October, 2017.
- As the project moves into the construction planning, Fortis BC is focussed on engaging stakeholders and continues to meet with municipalities, First Nations, property owners and business owners to explain the project. Fortis BC is committed to having open and transparent dialogue with stakeholders to identify and understand any concerns and constraints. The engagement strategy is being continually monitored and adjusted as required. Constant consultation and communication is a priority of Fortis BC.
- A preliminary environmental assessment overview was completed by Dillon Consulting and covered the following categories:
 - Current Land Use
 - Soils and Surficial Geology
 - Contaminated Sites
 - Natural Environment
 - Species at Risk (SAR)
- There are multiple stream crossings in the CTS project, therefore, the plan is to utilize a conventional cut and cover with isolation of stream flow, fish salvages, environmental monitoring, typical mitigation controls and water applications will be required for many crossings.
- Environmental permit applications to the Ministry of Forests, Lands & Natural Resource Operations, Fisheries & Oceans Canada and the Oil & Gas Commission will begin in late 2015.
- The shared utility corridor with BC Hydro and Metro Vancouver backs on to many residential properties that consist of large yards and storage facilities. 1500 m of new Right of Way is required for the project.
- The Nichol to Port Mann TP Loop will use 36 inch pipe and affects 10 stream crossings, 7 unnamed ditches, Quibble Creek and Hawthorn Creek, multiple ditches and 6 potential *Species at Risk Act* (SARA) species. There are no known areas of Potential Environmental Concern (APECs) or potential contamination.

- The Nichol to Roebuck TP Loop will use 42 inch pipe and affects 2 stream crossings, 6 potential SARA species and there are also no known APECs. The City requested that consideration be given to realign a portion of Quibble Creek and to change the profile to allow for a foot bridge across the creek.
- A few examples of issues that need to be addressed prior to, or during construction:
 - Creek crossings (design, permitting and restoration)
 - Sediment and erosion controls
 - Vegetation removal and restoration (trees, invasive species)
- **Community Relations** – Fortis BC would like to create a legacy working on major projects of this nature. Through the Community Benefits Project, \$100,000 will go towards the enhancement of multi-use pathways in the City of Surrey.

A public information session for the public will be held on Wednesday, November 18 at the Surrey Centre Library. Fortis BC staff will be available to answer any questions people have.

- **Landowner Relations** – Fortis BC is working with landowners with properties situated along the Right of Way. Face to face meetings will begin and mitigation of any concerns will be addressed. Site restoration is planned for ensuring sites are restored back to their original condition.
- **Aboriginal Relations** – Fortis BC has engaged with several First Nation territories and is seeking ways to increase job opportunities with the First Nations.

In response to questions from the Committee, the delegation provided the following comments:

- Testing of the piping depends on how the construction of the CTS project goes; however, the entire length of the pipelines will be tested eventually. The existing pipes are steel heavy wall pipe and are almost 60 years old and in very good condition. Leak survey testing (patrols over the pipeline) and internal inspections by a robot is done on a regular basis.

Corrosion control for the new pipeline will be implemented by the cathodic preventative system. The cathodic process consists of running a low current through the pipes.
- The piping under Port Mann is not as old as the other pipelines and was placed at a significant depth that eliminates the risk of people making contact with the pipe. The biggest risk is third parties digging near pipelines. It is Fortis BC procedure to send out a worker to monitor any digging that occurs near the pipelines to eliminate risk of any damage to the pipes.

- The biggest challenge with the project has been engineering with BC Hydro. BC Hydro wanted a fairly large separation distance with Fortis BC pipes and it has been difficult due to the pipeline being on the edge of the Hydro Right of Way.

Other potential challenges of the project identified included; disruption to homeowners, impacts to traffic and temporary work space. Fortis BC is trying to alleviate as much inconvenience as possible to people throughout the project.

- One issue with stream crossings in the past occurred at Quibble Creek; the pipelines weren't deep enough and the creek scoured its way down. There are plans in the future to lower the existing pipeline and offer scouring blankets to minimize future scour. Some erosion on top of the lines occurred due to the lack of depth of the pipe.
- Fortis BC must stipulate when applying for permits what work is to be done and how the work will be completed. A list of legal requirements is developed and monitored by Fortis BC to ensure all the requirements are being adhered to and met.
- There have not been any leaks from the 60 year old pipes. There was a pipeline in Coquitlam by Como Lake that had an integrity issue with corroding occurring at the welds. When the pipeline was built, the protective coating was not applied properly and has since started to separate. The issue has since been resolved and is being monitored.

C. OUTSTANDING BUSINESS

1. Climate Change & Air Pollution Info Labels on Gas Pumps

File No. 5280-04

The Environment Manager provided the following brief update on a request from a delegation for support of Climate Change & Air Pollution Information Labels on Gas Pumps in Surrey:

In September, 2015 the resolution for labels on gas pumps was passed at the Union of BC Municipalities (UBCM) meeting. The UBCM process entails resolutions brought forward at a UBCM meeting and adopted as a whole. If there are any issues, those resolutions are pulled and debated separately.

The Committee ensued discussion about options the Committee may consider in regards to the delegation's request for labels on gas pumps that contain information about Climate Change and Air Pollution.

The following comments were made:

- The Committee commented that City Council and all levels of government have a responsibility to utilize City resources efficiently and further noted that diverting staff resources on this project is not supported due to the lack of evidence and facts provided by the delegation.

- If the project were implemented, a bylaw would be created and require enforcement. There are not enough resources to have a bylaw created and for enforcement to occur.
- The Committee noted that one option to consider is having staff complete a legal analysis on the proposed project.

It was

Moved by G. Sahota
Seconded by J. Stewart
That the Environmental

Sustainability Advisory Committee recommends that Council direct staff to complete a legal opinion on Climate Change & Air Pollution Information Labels on Gas Pumps in Surrey, to identify fairness and equity in the business sector, implementation of enforcement and how the project relates to other cities (Guelph and Monkton, Ontario) that have implemented the labels.

Defeated – Opposed unanimously

The Committee noted that due to a lack of supportive information, the project could not be supported at this time. The delegation is encouraged to return to the Committee with new information based on other jurisdictions experience that demonstrates the impacts the labels have on behaviour as well as to address the rationale of diverting scarce City resources to this project as opposed to other significant environmental challenges faced by Local Governments.

D. NEW BUSINESS

There was no other business.

F. ITEMS REFERRED BY COUNCIL

There were no items referred by Council.

G. CORRESPONDENCE

There was no correspondence.

H. INFORMATION ITEMS

1. Agriculture and Food Security Advisory Committee (AFSAC) Update

There was no report provided.

2. Development Advisory Committee (DAC) Update

The DAC representative noted that the meeting did not have any items pertinent to the ESAC to report.

I. OTHER BUSINESS

1. Election Signs

The Committee raised a concern about election signs not being collected after elections. The signage litters yards and creeks and is sometimes burned. It is a serious concern that larger amounts of plastic are being burned. Some recommendations from the Committee included that a deposit be considered or if a sign is down or improperly placed, that the constituent's office be contacted and notified of the issue.

2. Truck Park Application – 16 Avenue and 194 Street

The Committee ensued discussion about the numerous concerns have been expressed by residents about Application #7915-0227 for a Truck Park on 16 Avenue and 194 Street in Campbell Heights. Residents are concerned that diesel fumes from trucks will cause health issues including birth defects. There are also concerns about the potential contamination of the groundwater and Little Campbell River.

The Chair noted that the applicant is required to complete the following reports/strategies still:

- Exact uses and proposed site plan including buildings
- Arborist report and tree survey
- Environmental report and demonstration of how the site will meet Surrey's Biodiversity Conservation Strategy (BCS)
- Hydrogeological report and proposed impact mitigation strategy on Brookwood aquifer and the Little Campbell River
- Servicing strategy (sewer, water, drainage, transportation)

The Chair further noted that the proposed use and associated rezoning will trigger a number of land use and planning processes which include; a referral to Metro Vancouver, discussions with neighbouring property owners, engagement with affected stakeholders and referral to environmental approval agencies.

J. NEXT MEETING

The next meeting of the Environmental Sustainability Advisory Committee is scheduled for Wednesday, November 25, 2015 at 6:00 p.m. at City Hall, in room 1E Room B.


It was

Moved by J. Stewart
Seconded by M. Sharma
That the Environmental Sustainability

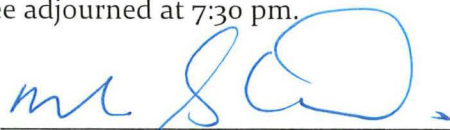
Advisory Committee meeting do now adjourn.

Carried

Environmental Sustainability Advisory Committee adjourned at 7:30 pm.



Jane Sullivan, City Clerk



Councillor Starchuk, Chair