



**Beyond, Every Day.**

P.O. Box 23750 APO  
Richmond, BC V7B 1Y7

Meeting  
Minutes

<b>MEETING TITLE: ENVIRONMENTAL ADVISORY COMMITTEE</b>			
<b>MEETING DATE:</b>	October 15, 2015	<b>MEETING TIME:</b>	1:30 pm
<b>LOCATION:</b>	Vancouver International Airport, Aylmer Rd. Complex Room 111	<b>FILE NUMBER:</b>	

**Attendees:**

Marion Town	YVR, Environment - Chairperson
Simon Robinson	YVR, Environment
Alena Straka	City of Vancouver
Christopher Bakker	Citizen Representative, Richmond
Judy Williams	Fraser River Coalition
June Ryder	Nature Vancouver
Erin Embley	Metro Vancouver
Helen Cain	City of Richmond

**Guests:**

Oge Anoliefoh	YVR, Environment
Shaye Folk-Blagbrough	YVR, Environment
Amanda Chow	YVR, Environment
Brenden McBain	YVR, Environment
Meg Comiskey	YVR, Strategic Planning
Jenny Duncan	YVR, Communications

**Regrets:**

Ian Chatwell	Transport Canada
Willard Sparrow	Musqueam Indian Band
Penny Thompson	Air Canada
Courtney Albert	Canadian Wildlife Services
Alisha Drinkwater	Environment Canada
Carrie Brown	Port Metro Vancouver
Rob Safrata	Citizen Representative, Vancouver
Terry Crowe	City of Richmond

**Secretary:**

Catherine Alderson	YVR, Environment
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<b>Next Meeting:</b> January 14, 2016 at 1:30 PM
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Marion Town, Chair / Date

## **1.0 Introductions and Welcome**

Marion Town welcomed the committee and announced that Michael O'Brien has retired from the Airport Authority. Don Ehrenholz is the new Vice President responsible for Environment and he adds this to his existing role of Vice President for Engineering.

## **2.0 Review of Minutes from April 23, 2015 Meeting**

Simon apologized for the delay issuing minutes from the April 23, 2015 meeting. The minutes have been drafted and will be circulated for review. The following action items have been carried forward from the April 23 meeting:

Action 1: Discuss Earthquake risks and preparedness at a future meeting. This will be scheduled for a future meeting.

Action 2: YVR to distribute final Airspace Change Communication & Consultation Protocol to the committee when it is available.

## **3.0 YVR Environmental Management Plan Priorities Updates**

### **a) Reduce Greenhouse Gas Emissions - Electric vehicles/EV charging**

Marion mentioned that YVR has recently acquired two new electric vehicles that will be added to the Airport Authority's fleet. She noted that the airport has installed several new electric vehicle charging stations and is planning for more next year. Marion also reminded the committee that YVR is working on a plan for a District Energy system.

### **b) Reduce Waste - Waste Wars**

Amanda Chow gave a presentation on the recent waste reduction campaign titled Waste Wars. Waste Wars was a friendly competition to encourage food and beverage tenants in the terminal to sort their waste and avoid contamination in their garbage and compost/recycling bins. The program ran for July and August and provided education and incentives for proper waste handling and sorting. A total of 48 tenants participated and over 1400 totes of compost were collected. An awards presentation was held on October 13<sup>th</sup> with first place going to Fortune Wok, second place was Vino Volo (Transborder) and third place was A&W (DTB). The program was a huge success and will be considered for rollout again next year. A committee member asked where the compost material is taken. Compost from the Terminal is sent to Harvest Power in Richmond.

Attachment 1: Waste Wars Presentation

**c) Reduce Potable Water Use**

**– Summer water restrictions**

Marion explained some of the water conservation measures taken by YVR during this summer's dry weather and the water restrictions set by Metro Vancouver and City of Richmond. Some examples of water conservation measures at the airport include shutting off all irrigation systems and water features like the International Terminal salmon stream. A brief discussion followed. It was suggested that Metro Vancouver could be invited to a future meeting to share some of their lessons learned during the dry summer and other plans for water conservation.

Action 3: Invite Metro Vancouver to a future meeting to present on water conservation.

**d) Improve Ecosystem Health**

**– YVR Glycol Management**

Oge Anoliefoh presented an overview of the YVR Water Quality monitoring program with a focus on aircraft de-icing, glycol management and water quality monitoring. Glycol is the main ingredient in aircraft de-icing fluid. The airport has a comprehensive program in place to contain and collect de-icing fluids to prevent them from running off into the Fraser River. The containment measures include dedicated de-icing pads and storage lagoons as well as vacuum trucks capable of recovering fluids from the ground. The Airport Authority conducts a water sampling program to ensure that glycol containment measures are effective. During the previous winter season of October 2014 - March 2015 over 198 water samples were collected from airport ditches and tested for glycol. One of the samples exceeded the glycol guidelines limit of 100 mg/L. Due to time constraints questions and comments were asked during the coffee break.

Attachment 2: Glycol Management Presentation.

**- Salmon-Safe**

Marion provided a brief status on the Salmon-Safe initiative. YVR continues to work with Salmon-Safe and Fraser Basin Council with the intent of pursuing certification under the Salmon-Safe program.

**4.0 Master Plan Consultations**

Jenny Duncan and Meg Comiskey presented a preliminary review of this summer's Master Plan community engagement and stakeholder consultations. This initial round of consultations took place between May and September and asked people about their vision of the future for the airport. The public was directed to the website [YVR2057.ca](http://YVR2057.ca) for information and were encouraged to complete a survey to help gather input. YVR visited more than 70 events and festivals across British Columbia. More than 2000 people complete the survey. Results of the survey are being summarized in a report that will be posted on airports website. This was the first phase of several rounds of meetings and consultations. Future consultations will focus on proposed airport development projects and related issues.

Attachment 3: Master Plan Engagement Phase 1 Presentation.

## **5.0 South Airfield Runway End Safety Areas Update**

Simon Robinson provided an update on the RESA construction program including work completed in 2015 and the current schedule for 2016 and 2017. He mentioned that the 2015 runway closure period was affected by the Taxiway Delta emergency repairs which involved a complete resurfacing of the taxiway. Due to the taxiway repairs use of the north runway at night extended beyond the August 31<sup>st</sup> schedule and continued until September 19<sup>th</sup>.

In 2016 construction will continue on RESA 26L and the north runway will be used at night from May until the end of August. The previously scheduled work on the crosswind runway RESA's has been postponed and will not take place in 2016. There was a question about the schedule for the North Runway RESAs. Simon said that there were no current plans to being work on the North Runway RESAs and that planning was at least two years off.

Attachment 3: South Airfield Runway End Safety Areas Presentation.

## **6.0 Construction Update**

Due to time constraints the construction monitoring presentation was deferred. Simon distributed a handout to the committee with a summary of construction project activity and status.

Attachment 4: Construction Monitoring Project List.

## **7.0 VAFFC Fuel Delivery Project Update**

Adrian Pollard from FSM provided an informative and detailed update on the Vancouver Airport Fuel Delivery Project. The project will need to obtain an amendment to the BC Environmental Assessment certificate due to routing changes and a proposed pipeline diameter increase from 300mm to 350mm. Adrian pointed out that the larger pipeline diameter is intended to improve energy efficiency of pumping and is not meant to increase the overall system capacity. The project is in active discussions with regulators to obtain permits including from Port Metro Vancouver, BC Oil and Gas Commission, City of Richmond and YVR. Adrian mentioned that two public information sessions were held recently, one on August 27<sup>th</sup> and another on September 17<sup>th</sup>, as part of the requirements from the Port Metro Vancouver permit application. A summary of the consultation and comments will be posted on the project website ( [vancouverairportfuel.ca](http://vancouverairportfuel.ca) ) and Port Metro Vancouver's website ([portmetrovancover.com](http://portmetrovancover.com)).

Attachment 5: Vancouver Airport Fuel Delivery Project presentation.

## **8.0 Other Business**

Marion announced that Harbour Air was awarded the YVR Clear Skies Award in June in recognition of their comprehensive environmental programs.

## **9.0 Next meeting**

Proposed Meetings for 2016

- January 14, 2016 at 1:30 PM
- April 21, 2016 at 1:30 PM
- October 13, 2016 at 1:30 PM
- Tour: TBA

### **List of Attachments:**

Attachment 1: Waste Wars Presentation.

Attachment 2: Glycol Management Presentation.

Attachment 3: Master Plan Engagement Phase 1 Presentation.

Attachment 4: Construction Monitoring Project List.

Attachment 5: Vancouver Airport Fuel Delivery Project Presentation.

### **List of Action Items:**

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