

# MEETING MINUTES



Beyond, Every Day.

## Meeting Minutes Environmental Advisory Committee

<b>Meeting Date:</b>	October 24, 2018	<b>Meeting Time:</b>	1:00 PM
<b>Location:</b>	Link Boardroom 1	<b>Prepared by:</b>	Cathy Pham
<b>In Attendance:</b>	Marion Town Wendy Avis Danielle Wensauer Kevin Eng June Ryder Robert Horner Jacquelyn Kankan Judy Williams Helen Popple	YVR, Environment – Chair YVR, Environment Transport Canada City of Richmond Nature Vancouver Citizen Representative, Richmond Air Canada Fraser River Coalition City of Vancouver	
<b>Guests/Presenters:</b>	Amanda Chow Shaye Folk-Brough Haylea VanVaals Rachel Min Simon Robinson Lesel Radage Brad Kemp Jody Armstrong	YVR, Environment YVR, Environment YVR, Environment YVR, Environment YVR, Environment YVR, Engineering YVR, Engineering YVR, Communications	
<b>Regrets:</b>	Laurie Bates-Frymel Morgan Guerin Courtney Albert	Metro Vancouver Musqueam Indian Band Canadian Wildlife Services	
<b>Secretary</b>	Cathy Pham	YVR, Environment	

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Discussion:

## 1. **Welcome and Introductions**

Marion Town welcomed the committee.

## 2. **Review Minutes from May 10, 2018**

Marion asked the committee if there were any comments or questions on the draft meeting minutes from the May 10, 2018 meeting. There being none, the minutes were adopted as final and will be posted on the YVR website ([www.yvr.ca](http://www.yvr.ca)).

## 3. **Environmental Management Plan 2015-2019 Updates**

Wendy Avis presented an overview of the Environmental Management Plan (EMP) and provided a summary of current initiatives in each of the EMP target areas.

### **Reduce Greenhouse Gas Emissions**

Goal: Reduce Airport Authority GHG emissions by 33% over 2012 levels by 2020

Current initiatives which were highlighted included terminal and non-terminal building energy retrofits, construction and planning of public electric vehicle charging stations, improvements to the cycling network on Sea Island and updates on Project Green YVR.

Amanda Chow provided an update on the Airport Carbon Accreditation program and certification process. The Airport Carbon Accreditation program is a voluntary global certification program for airports acknowledging carbon management and greenhouse gas (GHG) emissions reductions. There are four levels of certification:

- **Mapping** – Airports must develop their carbon footprint and implement an organizational carbon policy.
- **Reduction** – Fulfillment of Level 1 requirements, implementation of a carbon management plan and demonstration of Scope 1 + 2 emissions reductions over a three-year rolling average.
- **Optimization** – Fulfillment of Level 1 + 2 requirements, an inventory of Scope 3 emissions and engagement of third party stakeholders.
- **Neutrality** – Fulfillment of Level 1-3 requirements plus offsetting remaining emissions to achieve carbon neutral operations for all emissions over which the airport has control.

This year, YVR has received Level 3 Carbon Accreditation Optimization, having been successful at Level 2 Reduction for the past two years. There are only three Canadian airports that are certified at Level 3.

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## **Reduce Potable Water Use**

Goal: Reduce Sea Island potable water consumption by 30% over 2012 levels by 2020

Current initiatives underway which were noted included terminal building washroom retrofits, rainwater capture assessments, tenant engagement programs and water audits.

Haylea VanVaals presented on the Pre-Rinse Spray Valve (PRSV) Program. In 2018, all food and beverage tenants in the main terminal building underwent comprehensive water audits to confirm the number and types of PRSVs and kitchen tap aerators that were being used. In total, 49 valves and 96 aerators were replaced with more water efficient valves and aerators. Report cards were distributed to tenants at the end of the program with recommendations on how to reduce water consumption. As a result of this initiative, YVR estimates that approximately 22 million liters of potable water will be saved annually.

## **Reduce Waste**

Goal: Reduce waste going to landfill by 50% by 2020

Current initiatives highlighted included the International Terminal Building pre-security food court sorting and composting areas.

Shaye Folk-Blagbrough provided an overview of the 2018 Waste Wars program and YVR's new Skip the Straw Campaign. Waste Wars is a 6 week long friendly competition that is held between YVR's food and beverage tenants. The objective of the program is to educate, engage and provide positive reinforcement to our tenants on recycling and diverting waste from the landfill. All the tenants in the terminal participate and competed in 2018. This year, the winners are:

### **Restaurant Category**

1. The Fairmont
2. Lift
2. Hanami

### **Quick Service Restaurants Category**

1. Thai Hang
2. Camden
2. Banh Shop

Earlier in 2018, YVR launched a Skip the Straw campaign to reduce plastic waste at airport. Food and beverage tenants have put 'Skip the Straw' posters up at their counter kiosks around the airport.

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## **Improve Ecosystem Health**

Goal: Improve Ecosystem Health

Current initiatives which were featured included the removal of invasive plants, continued delivery of initiatives under Salmon Safe certification and the water quality program. As part of the Salmon Safe certification program YVR has completed a green infrastructure demonstration project at the Templeton South Parking lot which the EAC visited on the summer tour.

### **4. Environmental Management Plan 2020-2024: Plan for the Plan**

Wendy Avis provided an overview of the process to create the next Environmental Management Plan (EMP) and a summary of results that related to environmental matters which had been gathered from three years of consultations that took place during the development of the Master Plan and the input received through YVR's 2017 Global Reporting Initiative Sustainability Materiality exercise. The next EMP will guide activity at YVR from 2020-2024 and the development of the new plan is separated into 4 stages, including assessment of current plan, collection of new ideas, establishing priorities, and drafting and completing the plan.

The committee was asked to provide input on key environmental issues that YVR could address in the next plan. The committee brainstormed ideas for consideration including the importance of reducing plastic use, impacts of land use development on and adjacent to Sea Island (e.g. traffic congestion, capacity to absorb growth, employee commuting), air quality, adaptation to climate change and waste reduction (including YVR's role in issues associated with airline waste). When asked about how to engage with communities on environmental matters, the committee suggested more communication at the airport, including signage at the Terminal and terminal tour programs for children in elementary schools. A committee member noted that YVR could consider lessons learned from the successful information sharing and large passenger traffic processing that occurred during the Olympics.

### **5. Update on YVR's Noise Management Plan (NMP)**

Rachel Min provided an update on the 2019-2023 Noise Management Plan (NMP). The NMP documents the planned noise program and identifies noise management initiatives over a 5-year period. The draft action plan has 12 areas of focus and supporting initiatives, which were reviewed by the Committee. Once the 2019-2023 plan is complete and accepted by Transport Canada, copies will be circulated to the EAC.

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## 6. Update on Construction Projects at YVR

Simon Robinson provided an update of completed, active, and planned construction projects.

- Completed: A variety of taxiway improvements, curbside security “hardening”, Templeton South parking lot, Equipment Marshalling pads, relocation of ground support equipment and deicing equipment parking areas association with the Pier D Terminal expansion.
- Active: Central Utilities Building, West Deicing Pad, Pier D expansion, Remote Stand Operations, Runway End Safety Area and expansions to the Designer Outlet Centre
- Planned: Templeton Redevelopment

Jody Armstrong provided an overview of the Templeton Redevelopment project for a logistic operations center. YVR has provided regular project updates to the community, held open houses and has been engaging with the residents of Burkeville for this project. As with all projects, an environmental impact study has been conducted. YVR is committed to minimizing noise and other effects from airport operations where possible. Project elements include sustainable lighting, screening/fencing, noise attenuation, landscaping, diverting traffic and Templeton corridor/green space.

The committee inquired whether the Templeton green space corridor will be constructed in sequence with the development proposal. Jody stated that the corridor and green space are planned to be in place before the Templeton redevelopment project starts.

Brad Kemp presented on the Designer Outlet Center Phase 2 which will add 35 more stores. Phase 2 construction is underway and is scheduled to be completed by summer of 2019. It was noted that the commercial operations at the Designer Outlet Center divert about 83% of total waste from the landfill to recycling and are targeting 90%.

Lesel Radage provided an update on active construction projects including Central Utilities Building, Runway End Safety Area, Remote Stand Operations and the new deicing facility. More information on these construction projects can be found at [www.yvr.ca/en/passengers/construction](http://www.yvr.ca/en/passengers/construction).

Following the presentation on YVR’s new geexchange energy system to be completed in 2022, the committee inquired whether there was a similar facility that has a geothermal system in place. The City of Richmond noted that they have a geothermal system but it supplies energy to one of their residential neighborhoods’ and is on a much smaller scale.

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## 7. Update VAFFC

Marion Town provided an update on the VAFFC project and noted that the status has not changed since the last update. While the full environmental assessment has been approved, a landscaping issue is awaiting approval by the City of Richmond.

## 8. Other Business

Marion Town asked the committee for input on expanding the membership in the Environmental Advisory Committee. The committee agreed to add a representative from the Fraser Basin Council, a second representative from another branch of Environment Canada in addition to the Canada Wildlife Service as well as one representative each from tenants from the terminal and land base. YVR is looking to identify an appropriate representative from Fisheries and Oceans Canada. A suitable representative from the academic community was not identified.

### *Action:*

1. Circulate the 2019-2023 Noise Management Plan when it is complete and accepted by Transport Canada.

**Next Meeting Date: January 29, 2019**