

MEETING MINUTES



Beyond, Every Day.

Environmental Advisory Committee

Meeting Date:	January 30, 2020	Meeting Time:	1:00 – 4:00 PM
Location:	Link Boardroom	Prepared by:	Michael Ferguson
In Attendance:	Marion Town Wendy Avis Jennifer Aldcroft Mary Point Kevin Eng Cynthia Zhou Éóin O’Connor Patrick Gosselin Judy Williams Shelina Sidi Morgan Guerin June Ryder Eddie Uyeda	YVR, Environment – Chair YVR, Environment YVR, Environment YVR, Indigenous Relations City of Richmond Citizen Representative, Richmond City of Vancouver Fairmont Hotel Vancouver Airport Fraser River Coalition Metro Vancouver Musqueam Indian Band Nature Vancouver Transport Canada	
Guests/Presenters:	John Lindner Derek Jennejohn Peta Wolmarans Simon Robinson Brenden McBain	Metro Vancouver Metro Vancouver YVR, Planning YVR, Environment YVR, Environment	
Regrets:	Jacquelyn Kankam Danielle Wensauer Shirin Kalyan Richard Holt Courtney Albert Kelsey Taylor	Air Canada Transport Canada Citizen Representative, Vancouver Environment and Climate Change Canada Canadian Wildlife Service Fraser Basin Council	
Secretary:	Michael Ferguson	YVR, Environment	

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Discussion:

1. **Welcome and Introductions**

Marion Town welcomed the committee and informed them of the emergency evacuation plan for the Link Boardroom.

2. **Review Minutes from October 23, 2019**

Marion asked the committee if there were any comments or questions on the draft meeting minutes from the October 23, 2019 meeting. There being none, the minutes were adopted as final and will be posted on the YVR website (www.yvr.ca).

3. **Metro Vancouver Clean Air Plan and Climate 2050**

Derek Jennejohn and John Lindner presented on proposed material for inclusion in Metro Vancouver's Clean Air and Climate 2050 plans which currently includes pursuing a carbon neutral region by 2050, as well as a proposed transportation long term goal of "all aircraft operating in the region use low emission technologies powered by clean, renewable energy". Their big idea #1 for transportation is Mobility Pricing. Feedback is being sought until April 30 and public workshops will be offered in the next 4-6 months.

Given the proposed goal related to aircraft, Marion encouraged Metro Vancouver to consult with the aviation industry to develop their proposed actions in the plan, including supporting other jurisdictions (Federal and Provincial) to advance the right mechanisms to support the supply of sustainably priced sustainable aviation fuel through mechanisms such as Low Carbon Fuel Regulations.

The Committee asked if Metro Vancouver offered any reduction plans from a resident's perspective. John responded that Metro Van's Communications department is working to influence individuals through their Climate Literacy modules. The Committee also asked about the potential for access to more renewable fuels. John responded that in Metro, the aim is for more for low emission fuels in the near term as abundant renewable fuels may not be in place for many years. He added that Metro Van is exploring the prospect of hydrothermal liquefaction from sewage waste.

4. **Update on Development Projects at YVR**

Peta Wolmarans presented on YVR's airside plan, outlining the analysis undertaken to maximize efficiency in the airfield in order to fully utilize YVR's current two runways, including the options to connect north-south taxiways. Her presentation indicated that current forecasts don't foresee need for an operational third parallel runway before end of the 2037 Master Plan but that work on environmental approvals would commence well in advance of any need.

The Committee asked if there was once a proposal to build a taxiway bridge from North Runway to South Runway ("NST" – North-South Taxiway). Peta responded that there once had been, but that it may no longer be the most efficient solution and that improving connectivity in the West Airfield would be a higher priority, because of an increase in efficiency.

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The Committee asked if disease epidemics could impact passenger forecasts. Peta explained that a variety of possible types of events were factored into master planning forecasts. The Committee also asked if it had been wise to enable Canada Post to establish a facility on Sea Island. Marion responded that given the amount of mail that is transported by plane that goods receiving facilities and cargo facilitators are well placed adjacent to the airfield.

Simon Robinson provided updates on completed, current and future projects:

New – South Field Electrical Centre, Arthur Laing Bridge Deck Repairs

Active – CORE, West Deicing Pads, Pier D Expansion, Runway End Safety Area, North Runway

Pavement Repairs, Templeton Redevelopment, Air Canada Flight Simulator Expansion, Air Canada Parking Lot Phase 2, Vancouver Airport Fuel Facilities Corporation Fuel Delivery Project

Future –Sea Island Conservation Area Dyke Upgrades, Seair Dock Replacement, Russ Baker Riparian Habitat Enhancement, Approach Light Pier Piling Maintenance

Simon also updated the Committee on the number of projects that were reviewed in 2019, including those that were reviewed under the new Impact Assessment Act (IAA). All assessed projects met the excluded criteria under the Ministerial Order issued under Section 88.

5. **2019 Environmental Audit Program Results**

Brenden McBain provided a summary of the 2019 Environmental Audit Program results including how and why YVR audits tenants, who was audited in 2019 and key findings and results. A total of 13 businesses were audited. The Committee asked about how we follow up on audit findings, and Brenden explained that we re-visit tenants and track resolution of audit findings, if needed.

The Committee asked if auditing included water sampling. Brenden responded that because YVR has an incredibly robust continuous island-wide water quality monitoring program, we have our own control mechanisms in place at all times... He added that in terms of water quality, our audits were more focused on having tenants clean out their drains, oil water separators, etc. In response to a question about tenants failing their audit, Marion responded that we have good oversight of operations and it has never come to that.

6. **Environmental Management Plan 2020 to 2024**

Wendy and Jennifer gave a presentation on the 2020-2024 Environmental Management Plan (EMP). The EMP was approved by YVR's Board of Directors in December 2019; it is now being implemented. The EMP is a corporate, organization-wide plan and the Environment Department will track progress against its targets. Targets under the new EMP include a commitment to net zero carbon emissions by 2050 and carbon neutrality in 2020, a 50% reduction in per passenger water use by 2024, a 60% waste diversion rate by 2024 and continuing to enhance and protect the ecosystem of Sea Island, including maintaining our Salmon-Safe certification. The EMP will be available at www.yvr.ca/environment by the end of February.

The Committee asked if it's likely we will one day be using electric planes exclusively. Marion responded that currently electrification appears to be best suited to short distance flights, but unlikely for long distances. She added that Sustainable Aviation Fuel is more what we will see for long distance flights.



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The Committee asked if we test indoor air quality. Jennifer responded that YVR's Health & Safety and Maintenance teams measure and monitor indoor air quality.

New/Other Business/Next Meetings

- Morgan Guerin stated Musqueam has involvement in many projects happening in the Fraser River
- Metro Vancouver reiterated opportunities to provide feedback on their plans

Action Items: none

Next Meeting Date: Tuesday, May 5, 2020 at 1 p.m. (Link Building)