

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

DATE: Tuesday, September 24, 2024

TIME: 7:00 p.m. to 9:00 p.m.

PLACE: Council Committee Room, Coquitlam City Hall

CALL TO ORDER

ADOPTION OF MINUTES

- 1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, June 25, 2024**

Recommendation:

That the Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, June 25, 2024 be approved.

NEW BUSINESS

- 2. Small Non-Road Engine Emissions (Presentation by Esther Berube, Division Manager Air Quality Bylaw & Regulation Development, Metro Vancouver)**
7:05 – 7:35 p.m. (30 minutes)
- 3. 2024 Volunteer Recognition Event Update (Introductory Comments by the Committee Clerk)**
7:35 – 7:40 (5 minutes)
- 4. Committee Members' Roundtable / Emerging Issues (Standing Agenda Item)**
7:40 – 8:10 p.m. (30 minutes)

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, November 26, 2024

ADJOURNMENT



**SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE
Tuesday, June 25, 2024**

A Regular Meeting of the Sustainability and Environmental Advisory Committee convened on Tuesday, June 25, 2024 at 7:02 p.m. in the Council Committee Room, 3000 Guildford Way, Coquitlam, BC, with the following persons present:

COMMITTEE MEMBERS: Councillor Robert Mazzarolo, Chair
Councillor Brent Asmundson, Vice Chair
Mark Ashton, Citizen Representative
Grayson Barke, Citizen Representative
Reza Berry, Citizen Representative
Linton Chokie, Citizen Representative
Silvia Cojocar, Citizen Representative
Daryoush Mohammad Hassani, Citizen Representative
Edward Lau, Citizen Representative
Bonnie Razzaghi, Citizen Representative

REGRETS: Mohammad Darabi, Citizen Representative

STAFF: Caresse Selk, Manager Environment
Jenny Tough, Environmental Education and Enforcement Manager
Nichelle Cameron, Solid Waste Programs Specialist
Julia Power, Committee Clerk

CALL TO ORDER

ADOPTION OF MINUTES

1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, April 23, 2024

The Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, April 23, 2024 were approved.

NEW BUSINESS

2. Environmental Achievement Awards 2024

The Solid Waste Programs Specialist provided a presentation entitled “2024 Environmental Achievement Awards” that covered the following topics:

- An overview of the Environmental Achievement Award event that was held on June 1, 2024 at Blue Mountain Park including photos from the event, information displays and the winners of each category

The Solid Waste Program Specialist thanked the SEAC sub-committee for their contribution to the awards and event.

- Discussion ensued relative to the desire to recognize the environmental achievements of indigenous peoples, an honorarium to be given to award recipients and promotional advertisements for the event via social media

The Committee thanked staff for hosting the event and for providing guidance throughout the award process.

3. Environmental Education in Schools Program

The Solid Waste Programs Specialist provided a presentation entitled “Environmental Education in Coquitlam Schools” that covered the following topics:

- An overview of the environmental education provided in schools including existing workshops, contracted programs, topics and future plans

Discussion ensued relative to the following:

- The desire to enhance environmental education in middle schools through the creation of art displays
- The desire to integrate education related to green careers and green transportation
- The desire to have City staff visit schools to share information about civic environmental services, such as solid waste programs

4. Environmental Bylaw Updates: Stream and Drainage System Protection Bylaw

The Environmental Education and Enforcement Manager provided a presentation entitled “Stream and Drainage System Protection Bylaw Amendment” that covered the following topics:

- An overview of recently approved bylaw amendments including the Real-Time Monitoring (RTM) program expansion, contingency planning for storms, groundwater management requirements and changes to the Joint Professional Practice Guidelines
- An overview of the citywide RTM implementation including formalizing the prequalified providers process and requiring independent RTM service providers

Discussion ensued relative to the following:

- The desire to know of any concerns from developers relating to the size of water treatment systems
- The desire for further clarity regarding water recirculation statistics and emergency contingency plans

The Committee voiced appreciation to staff for these updates, recognizing the benefit these changes will have on the City. The Committee also thanked Council for approving these bylaw updates.

5. Committee Members' Roundtable / Emerging Issues

The Chair invited Committee members to share information and emerging issues from their communities.

The following information was shared:

- The desire to know of a projected timeline for finalizing the Urban Forest Management Strategy and when the public engagement phase will begin
- The desire to know if a report relating to canopy cover in Coquitlam has been completed

OTHER BUSINESS

NEXT MEETING DATE - Tuesday, September 24, 2024

ADJOURNMENT

The meeting adjourned at 7:54 p.m.

MINUTES CERTIFIED CORRECT:

Robert Mazzarolo, Chair

Julia Power, Committee Clerk



Reducing Emissions from Small Gas-Powered Equipment

Esther Bérubé, P.Eng.

Division Manager, Air Quality Bylaw Development

Daphne Mazarura

Senior Policy Analyst

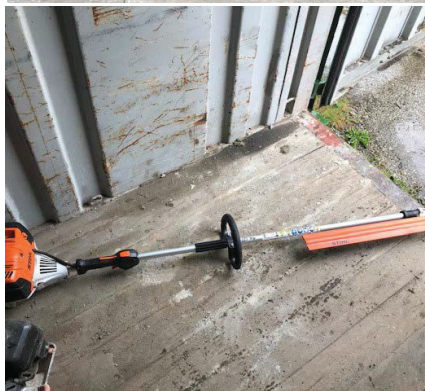
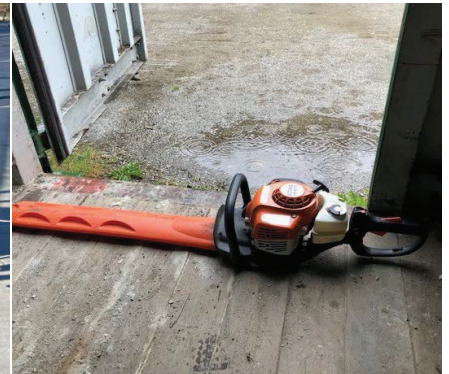
Laura Taylor

Senior Engagement Specialist

City of Coquitlam Sustainability and Environmental Advisory Committee, September 24, 2024

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SMALL GAS-POWERED EQUIPMENT



METRO VANCOUVER ROLE IN REGIONAL AIR QUALITY

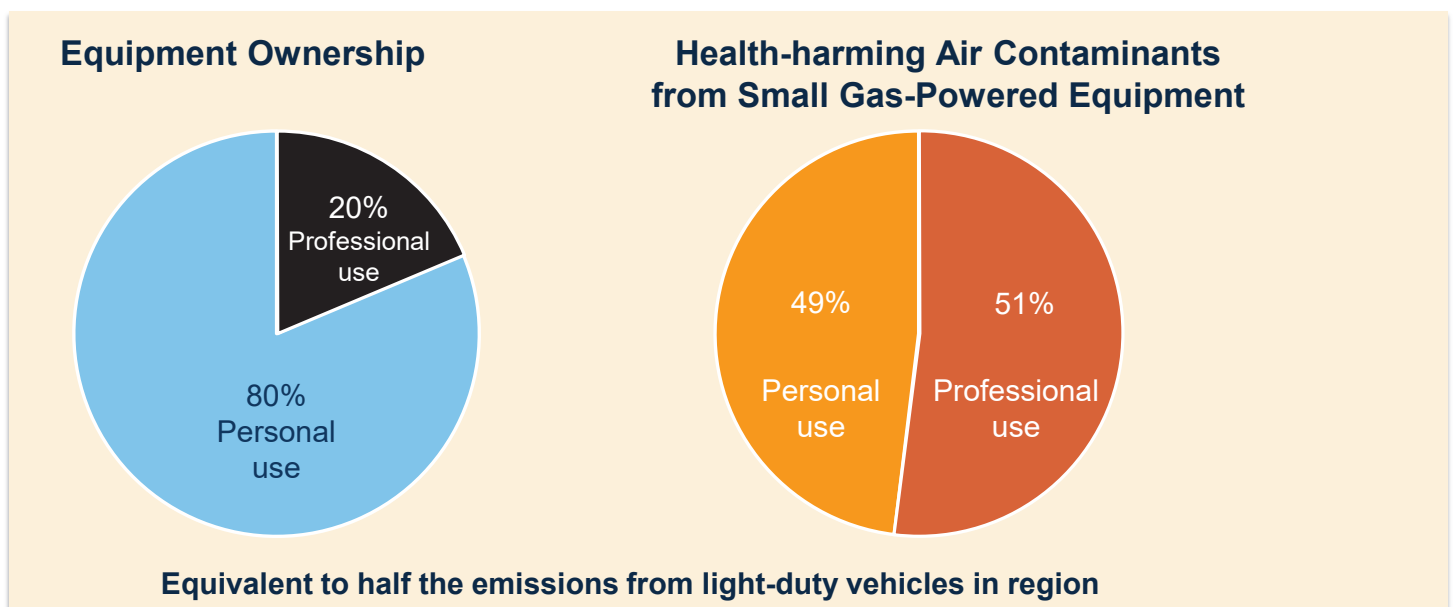
- Delegated authority under *BC Environmental Management Act*
- *MVRD Non-Road Diesel Engine Emission Regulation* since 2012
- *Clean Air Plan*: to further reduce non-road emissions
- Metro Vancouver Board direction to engage on reducing emissions from small gas-powered equipment

metrovancover | AIR QUALITY & CLIMATE ACTION



SMALL GAS-POWERED EQUIPMENT USE AND EMISSIONS

Estimated 400-600K equipment units in Metro Vancouver



TRANSITION TO EMISSION-FREE TECHNOLOGY

Availability of electric alternatives

- Wide market for personal use
- Developing for professional performance

Benefits:

- Avoided emissions
- Lower noise
- Enhanced safety



STATE OF THE TECHNOLOGY

Availability of electric alternatives



SHAPING A SUPPORTIVE FRAMEWORK

- Education and outreach
- Provincial incentives
- Infrastructure development
- Professional associations
- Community resources



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OTHER JURISDICTIONS

USA

- California: SORE Regulation, 2024
- New York State: Gas Lawn Equipment Ban, 2025

Canada

- BC: Consultation Paper, May 2023
- Local governments:
 - Corporate fleet electrification plans
 - Procurement of contracted services
 - Public policy development



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EXPLORING REGIONAL PUBLIC POLICY OPTIONS

Options include:

- **Phasing out types of equipment** over time based on preparedness for transition
- **Transition strategies** for larger professional fleets
- **Exemptions** for equipment with no electric alternatives

NEXT STEPS

June 2024 – May 2025

1. Continue to build a collaborative network of equipment users
2. Develop draft strategy with input from member municipalities, industry, and the public
3. Propose strategy and elements to Metro Vancouver Board



FEEDBACK

June – November 2024

Information and mailing list on Metro Vancouver website

- Search for “small equipment”

Email AQBylaw@metrovancover.org

Call 604-432-6200

