



2024 PSO Climate Change Accountability Report

North Vancouver School District

Declaration Statement

This Climate Change Accountability Report for the period January 1, 2024 to December 31, 2024 summarizes our greenhouse emissions profile, the total offsets to reach net-zero emissions, and our emissions reduction efforts.

Emission Reductions: Actions & Plans

In 2024, several key initiatives contributed to our ongoing efforts to reduce greenhouse gas emissions from buildings, fleet, and paper consumption.

- Implementation of Continuous Optimization measures at Argyle Secondary.
- Piloting the use of Sugar Sheet, an alternative fibre paper product, at the Education Services Centre.
- Completion of Phase 2 of the heating plant upgrade at Sherwood Park Elementary (heat pump installation).
- Completion of Phase 1 of the building envelope upgrade at Windsor Secondary.
- Commencing construction of the new all-electric Cloverley Elementary.
- A ZEV-First purchasing strategy to prioritize ZEVs as the default option when replacing fleet vehicles.
- Design of an energy-efficient modular 4 classroom addition at Westview Elementary.

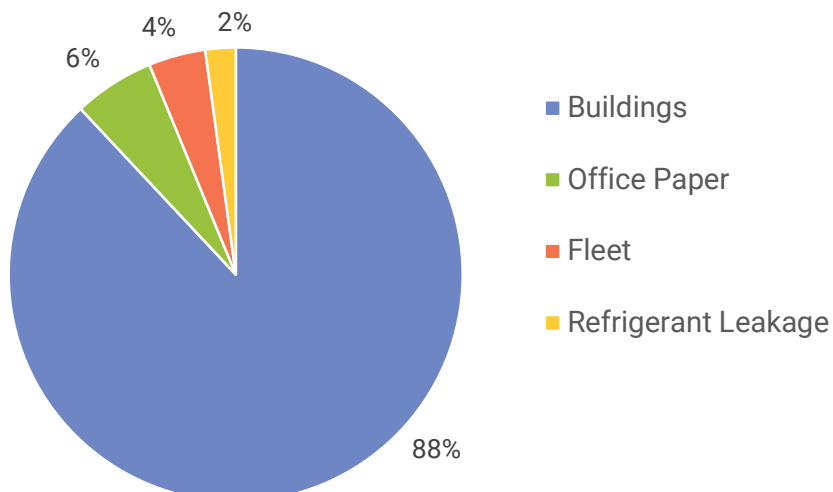
A number of initiatives are underway, or have been planned for execution, in 2025:

- Completion and commissioning of the Carson Graham Heat Pump replacement project.
- Encouraging schools to purchase Sugar Sheet paper.
- Reducing paper use through a phased transition to electronic school forms.
- Procurement of an electric van for the feeding futures food program.
- Phases 2 and 3 of the building envelope upgrade at Windsor Secondary.
- Completion of the new four-classroom addition at Westview Elementary.
- Installation of additional electric vehicle charging infrastructure at Windsor Secondary and Seycove Secondary.
- Initiating a continuous optimization project at the Education Services Centre.
- Engaging tenants at leased sites to educate them on emissions reduction opportunities.
- Continued exploration of electrification opportunities for mechanical system renewal projects.
- A communications campaign focused on energy, sustainability, and climate action basics.

2024 Emissions and Offset Summary

North Vancouver School District GHG Emissions and Offsets for 2024	
GHG Emissions created in Calendar Year 2024	
Total BioCO ₂ (tCO ₂ e)	17
Total Emissions (tCO ₂ e)	3,595
Total Offsets (tCO ₂ e)	3,515
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2024 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2024 Reporting Year	3,515
Offset Investment (\$25/tCO ₂ e)	\$87,875

2024 Emissions by Source



Retirement of Offsets

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, *North Vancouver School District (the Organization)* is responsible for arranging for the retirement of the offsets obligation reported above for the 2024 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) ensuring that these offsets are retired on the Organization’s behalf, the Organization will pay within 30 days, the associated invoice to be issued by the Ministry in an amount equal to \$25 per tonne of offsets retired on its behalf plus GST.

Climate Risk Management

In addition to reducing the emissions that contribute to climate change, the NVSD is also managing and adapting to the climate-related risks that are already affecting our operations. Examples of these risks include increased wildfire smoke, rising temperatures, and more frequent extreme weather events.

The NVSD is working to integrate climate risk assessment and management practices with existing capital project planning and operational decision-making processes, for example planning for the future installation of space cooling when designing school HVAC retrofits.

Sustainability Initiatives

The NVSD has a range of programs and initiatives that support broader environmental sustainability, for example:

- The 2021-31 Strategic Plan that has Environmental Stewardship as one of six pillars.
- Adoption of an updated Sustainability Policy that includes commitments to reducing greenhouse gas emissions, providing climate action education, and developing facilities that anticipate changing environmental conditions.
- Annual environmental benchmarking of building energy, water, and paper use.
- Food literacy and garden programs in schools.
- A comprehensive waste diversion program covering all sites.
- A multi-stakeholder district Sustainability Committee that meets quarterly.
- Water conservation measures.
- Climate engagement, education, and awareness opportunities for staff and students.
- Sustainable procurement framework that includes environmental criteria for major purchases.
- Safe and active school travel programs focused on reducing vehicle use.

Success Stories

The biggest environmental success story of 2024 was the successful pilot of Sugar Sheet, an alternative fibre paper product made from sugar cane waste, that paved the way for adoption of the product in schools. Paper has historically represented about 5% of the NVSD’s total annual emissions and this cost-neutral product shift has the potential equivalent emissions reduction impact of a significant building retrofit.

Executive Sign-off

<i>Original signed by J. Stewart</i>	<i>May 30, 2025</i>
Signature	Date
Jacqui Stewart	Secretary-Treasurer
Name (please print)	Title