



2017 Carbon Neutral Action Report

North Vancouver School District

Declaration Statement: This Carbon Neutral Action Report for the period January 1, 2017 to December 31, 2017 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2017 to reduce our greenhouse gas emissions, and our plans to continue reducing emissions in 2018 and beyond.

By June 30, 2018 **North Vancouver School District's** final *Carbon Neutral Action Report* will be posted to our website at www.sd44.ca

2017 Overview: Several key initiatives in 2017 contributed to our ongoing efforts to reduce GHG emissions.

- Montroyal Elementary and Dorothy Lynas Elementary underwent boiler plant upgrades that included the installation of new high efficiency condensing boilers and “smart” heating water distribution pumps.
- The School District hired a full-time Sustainability and Energy Manager, whose mandate includes the development and implementation of a district-wide greenhouse gas reduction strategy.
- The roofing and insulation system in the Ridegeway Elementary demountable classroom block was upgraded.
- Enhancements to the building control systems were made at the Cheakamus Environmental Learning Centre.
- LED lighting retrofits and controls upgrades were completed at 4 elementary schools: Westview, Dorothy Lynas, Canyon Heights, and Ross Road.
- We continued with the BC Hydro Continuous Optimization (C-Op) program to enhance the operation of building systems at five secondary schools: Sutherland, Windsor, Seycove, Carson Graham, and Arglye.

2018 Overview: A number of initiatives are underway, or have been planned for execution, in 2018:

- LED lighting retrofits and controls upgrades were completed at 6 elementary schools: Lynn Valley, Sherwood Park, Cleveland, Capilano, Braemar, and Cove Cliff.
- Braemar Elementary and Ross Road Elementary will undergo boiler plant upgrades.
- Building envelope upgrade projects will be initiated at Ross Road Elementary and Eastview Elementary.
- Low-carbon heating systems will be explored for the Handsworth Secondary school replacement project.
- Enhancements to the existing building control systems will be made at the Education Services Centre.
- The BC Hydro Continuous Optimization (C-Op) program will conclude at Arglye Secondary.

Emissions and Offset Summary Table:

North Vancouver School District GHG Emissions and Offset for 2017 (tCO₂e)	
GHG Emissions created in Calendar Year 2017	
Total Emissions (tCO ₂ e)	4,270
Total Offsets (tCO ₂ e)	4,197
Adjustments to GHG Emissions Reported in Prior Years	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2017 Reporting Year	
Grand Total Offsets (tCO ₂ e)	4,197

Retirement of Offsets: In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, **North Vancouver School District** is responsible for arranging for the retirement of the offsets obligation reported above for the 2017 calendar year, together with any adjustments reported for past calendar years. The Organization hereby agrees that, in exchange for the Ministry of Environment ensuring that these offsets are retired on the Organization’s behalf, the Organization will pay 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.