



2019 Carbon Neutral Action Report

North Vancouver School District

Declaration Statement: This Carbon Neutral Action Report (CNAR) for the period January 1, 2019 to December 31, 2019 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2019 to reduce our greenhouse gas emissions, and our plans to continue reducing emissions in 2020 and beyond.

By June 30, 2020 **North Vancouver School District's** final *Carbon Neutral Action Report* will be posted to our website at www.sd44.ca

2019 Overview: Several key initiatives in 2019 contributed to our ongoing efforts to reduce greenhouse gas emissions.

- Capilano Elementary underwent a boiler plant and HVAC upgrade that included the installation of new high efficiency condensing boilers and “smart” heating water distribution pumps.
- Enhancements to the building control systems were made at the Cheakamus Environmental Learning Centre.
- An electric vehicle was purchased for the NVSD maintenance fleet.
- LED lighting and controls upgrade solutions were designed for Seycove Secondary and Windsor Secondary.
- A ventilation upgrade was completed at Upper Lynn Elementary.
- Building envelope upgrade projects were completed at Capilano Elementary and Eastview Elementary.
- Enhancements to the existing building control systems were made at the Education Services Centre.
- A heating system upgrade, including high efficiency boilers and heat pumps, was designed for Norgate Elementary.

2020 Overview: A number of initiatives are underway, or have been planned for execution, in 2020:

- The heating system upgrade project will be completed at Norgate Elementary.
- A building envelope upgrade will be completed at Dorothy Lynas Elementary.
- Additional controls will be added to the heating system at Larson Elementary.
- Further enhancements to the exiting building control systems will be made at the Education Services Centre.

Emissions and Offset Summary Table:

North Vancouver School District GHG Emissions and Offsets for 2019	
As per the Directive issued March 31, 2020, we are using our 2018 Greenhouse Gas emissions as a placeholder for the purposes of this CNAR.	
Total Emissions (tCO ₂ e)	3,564
Total BioCO ₂ (tCO ₂ e)	6
Total Offsets (tCO ₂ e)	3,497
Offset Investment (\$25/tCO ₂ e)	\$87,425

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 2019 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.

Executive Sign-off:

<i>Original signed by J. Stewart</i>	<i>May 28, 2020</i>
_____ Signature	_____ Date
Georgia Allison	Secretary Treasurer
_____ Name (please print)	_____ Title