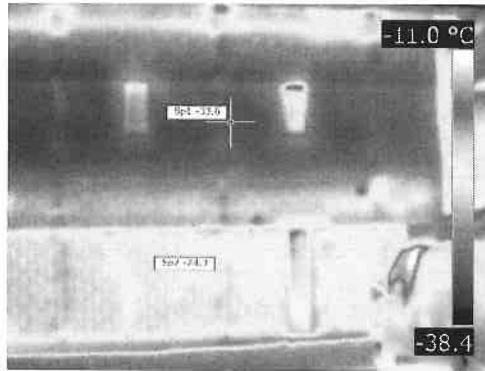


2017 Carbon Neutral Action Report

The Board of Education School District No. 91 Nechako Lakes



This Carbon Neutral Action Report for the period January 1st, 2017 to December 31st, 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, School District No. 91 Nechako Lakes final *Carbon Neutral Action Report* will be posted to our website at www.sd91.bc.ca

Overview:

The District continues with its lighting-efficiency strategy by upgrading to LED lighting, reducing fixtures and reducing illumination levels in accordance with Illuminating Engineering Society. Direct Digital Control is now available throughout the district and aging assets continue to be upgraded or retired.



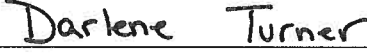
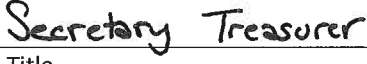
Emissions and Offset Summary Table:

<i>School District No. 91 (Nechako Lakes)</i>	
GHG Emissions and Offset for 2017 (TCO2E)	
GHG Emissions created in Calendar Year 2017:	
Total Emissions (tCO ₂ e)	3,563
Total Offsets (tCO ₂ e)	2,516
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)	2,516

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District No. 91 Nechako Lakes (**the Organization**) 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.

Executive sign-off:

	
Signature	Date
	
Name (please print)	Title

Part 1: CNAR Survey

1. General Information

Name: Darlene Turner

Contact Email: dturner@sd91.bc.ca

Organization Name: School District No. 91 (Nechako Lakes)

Sector: School District

2. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

During 2017, did your organization take any of the following actions to support emissions reductions from buildings? (please select all that apply)

Performed energy retrofits of the organization's building(s)

2. Stationary Sources - Other? Please specify: W. L. McLeod Secondary School envelope upgrade

- thermal and moisture protection

- windows

- finishing

If you selected "*Performed energy retrofits of the organization's building(s)*":

How many buildings were retrofitted?: 1

If you selected "*Built, or are building new LEED Gold or other "Green" buildings*":

How many new "Green" buildings?:

Did your Organization perform any retrofits during 2017? Please describe briefly:

- W. L. McLeod Secondary School building - new windows, wall, insulation, siding
- foundation from studs out
 - weather barrier
 - foundation insulation
 - exterior wall insulation
 - rain screen install
 - metal cladding
 - flashing
 - batt insulation
 - interior sheathing at old windows
 - wall frames at old windows
 - spray foam
 - low E sealed glazing
 - aluminum frames

2a. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

Please briefly describe your organization's plans to continue reducing emissions from its stationary sources:

a) Over the next 1-5 years

Nechako Valley Secondary School - envelope upgrade in courtyard.

b) Over the following 6-10 years

Continue to replace boilers, LED lighting

3. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

During 2017, did your organization take any of the following actions to support emission reductions from its mobile sources? (please select all that apply)

Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)

3) Mobile Sources - Other? Please specify:: Removed 7 vehicles.

If you selected "*Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)*":

How many vehicles?: 4

If you selected "*Replaced existing vehicles with hybrid or electric vehicles*":

How many vehicles?:

3a. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

Please briefly describe your organization's plans to continue reducing emissions from its mobile sources:

a) Over the next 1-5 years

Capital replacement plan of white fleet / equipment so vehicles meet environmental standards of emission.

Plan to purchase alternate fuel source vehicles once access is established in the North.

b) Over the following 6-10 years

Ongoing until complete fleet replaced.

4. Supplies (Paper): Indicate which actions your PSO took in 2017:

During 2017, did your organization take any of the following actions to support emissions reductions from paper supplies? (please select all the apply)

Had an awareness campaign focused on reducing office paper use; Had a policy requiring the purchase of recycled content paper

4) Supplies (Paper): Indicate which actions your PSO took in 2017: - Other? Please describe briefly:: Papercut program
- secures document printing
- limits total amount of printing
- allows you to cancel print errors

If you selected "*Had a policy requiring the purchase of recycled content paper*":

State the required recycled content here (30%, 50%, 100%): 50

If you selected "*Had a policy requiring the purchase of alternate source paper (bamboo, hemp, wheat, etc)*", which type of alternate source paper did you use?

Please briefly describe your organization's plans to continue reducing emissions associated with its office paper use in future years.

Paper consumption will be decreased as a result of the Papercut program, which is not fully implemented.

5. Other Sustainability Actions

a) Business Travel

During 2017, did your organization take any of the following actions to support emissions reductions from business travel? (please select all that apply)

Encouraged or allowed teleworking or working from home

5) Other Sustainability Actions - Other? Please specify:: Encourage working from home, car pooling and video conferencing.

b) Education/Awareness

During 2017, did your organization have any of the following programs or initiatives to support sustainability education and awareness? (please select all that apply)

Supported or provided education to staff about the science of climate change, conservation of water, energy and/or raw materials; None of the above

5a) Other Sustainability Actions - Other? Please specify:: Conservation Destination Program in schools.

c) Other Sustainability Actions

During 2017, did your organization have any of the following programs or initiatives to support sustainability? (please select all that apply)

A water conservation strategy which may include a plan or policy for replacing water fixtures with efficient models; An operations policy or program to facilitate the reduction and diversion of building occupant waste (e.g., composting, collection of plastics, batteries) from landfills or incineration facilities

5b) Other Sustainability Actions - Other? Please specify:: - low flow toilets

- active recycling program
- active composting program
- think before you print
- turn off the lights
- use LED light bulbs and tubes
- reduce, reuse, recycle
- unplug power cords
- wash laundry in cold water
- power save settings on computers, monitors and photocopiers
- reducing carbon footprint (electricity, fuel)