



2017 Carbon Neutral Action Report

Organization name: Board of Education, School District No. 83

Declaration statement: 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 SD83's final Carbon Neutral Action Report will be posted to our website at www.sd8@bc.ca.

Overview: In 2017 we initiated a Geo Thermal install in one of our Secondary Schools. We will be back in 2018-2019 and completing the project in 2019-2020. We expect to gain substantial energy savings and further reduce carbon emissions. A Boiler upgrade in another school was initiated in 2017-2018 as a result of the old system being inefficient.

Emissions and Offset Summary Table:

SD No. 83 GHG Emissions and Offset for 2017 (tCO <sub>2</sub> e)	
<b>GHG Emissions created in Calendar Year 2017:</b>	
Total Emissions (tCO <sub>2</sub> e)	3,412
Total Offsets (tCO <sub>2</sub> e)	2,275
<b>Adjustments to GHG Emissions Reported in Prior Years:</b>	
Total Emissions (tCO <sub>2</sub> e)	0
Total Offsets (tCO <sub>2</sub> e)	0
<b>Grand Total Offsets for the 2017 Reporting Year:</b>	
Grand Total Offsets (tCO <sub>2</sub> e)	2,275

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, SD83 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 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:

Signature: Peter Jory Date: May 4, 2018  
Name (please print): Peter Jory Title: Superintendent/CEO

# Part 1: CNAR Survey

## 1. General Information

Name: Lori Petryshen

Contact Email: lpetrysh@sd83.bc.ca

Organization Name: SD83

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)

Conducted an energy audit/study of building(s) in the organization's portfolio.

2. Stationary Sources - Other? Please specify: Started Energy study in December 2017

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

How many buildings were retrofitted?:

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:

## 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

High School HVAC system converting to Geo Thermal Heating.

b) Over the following 6-10 years

## 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)

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

- Strict Anti Idling Policy.
- Purchasing Vehicles with low emission engines.
- Purchase Smaller more fuel efficient vehicles.
- Optimize bus routes.
- Ensure well maintained equipment.

### b) Over the following 6-10 years

- Strict Anti Idling Policy.
- Purchase vehicle with low emission engines.
- Purchase Smaller more fuel efficient vehicle.
- Optimize bus routes.
- Ensure well maintained equipment.

## 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)

None of the above

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

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

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.

## 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 alternative travel for business (e.g. bicycles, public transit, walking)

5) Other Sustainability Actions - Other? Please specify:: Encourage car pooling where possible.

### 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)

None of the above

### 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)

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