



2016 CARBON NEUTRAL ACTION REPORT – SMALL EMITTERS FORM

DUE: May 31, 2017

This form is for the use of BC Public Sector Organizations whose GHG emissions were less than 600 tonnes CO₂e during the previous reporting year (2015). Please fill in the required information below.

Organization Name:

School District No 19 (Revelstoke)

Contact name:

Bruce Tisdale

GHG Emissions and Offsets for 2016 (tCO ₂ e)	
GHG Emissions created in Calendar Year 2016 (from SMARTTool Homepage):	
Total Emissions (tCO ₂ e)	254
Total Offsets (tCO ₂ e)	172
Adjustments to GHG Emissions Reported in Prior Years (from SMARTTool Homepage):	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	20
Grand Total Offsets for the 2016 Reporting Year (from SMARTTool Homepage): (This is the total emissions that must be offset for Reporting Year 2016)	
Grand Total Offsets (tCO ₂ e)	192

To enable comparisons with all B.C. public sector organizations, please provide the following data for your organization:

1. How many Full Time Equivalent (FTE) employees were part of your organization as of Dec 31, 2016? 121.231
2. What was the total amount of floorspace (m²) in your organization (including occupied and unoccupied space, owned or leased) as of Dec 31, 2016: 22,585 (m²)
3. What was the primary use of that space (office, education, warehousing, health services, lodging, arts and recreation, other)? Education
4. How many motor vehicles did your organization own or lease as of Dec 31, 2016? 10



Briefly describe the top three actions taken by your organization in 2016 to reduce GHG emissions and/or improve sustainability from its operations:

Action
1. Completed HVAC upgrade to Arrow Heights School to reduce propane cost and install more efficient system using modern technology. Total cost approximately \$1,500,000
2. Changed two buses from 84 passenger pushers to more efficient smaller conventional buses. Will also significantly reduce maintenance costs therefore benefiting the operating budget.
3. Installed DDC controls in the district administrative office so that temperatures can be preset and managed remotely. The windows at the same facility were replaced with energy efficient properly sealed windows.

Briefly describe plans your organization has for continuing to reduce your GHG emissions in future years:

In the process of connecting to the city sewer system. The school is currently on a large septic field which requires annual maintenance. This involves vehicles and pumps so that energy cost will be eliminated plus it is better for the environment.

The second plan involves the installation of solar panels at one of our elementary school gymnasiums as a pilot project. Capital Funding has been requested and the project will be completed once approval is received.

Describe any actions your organization took during 2016 to strengthen its ability to manage the likely effects of climate change in the coming years and decades (e.g., have assessed whether increased



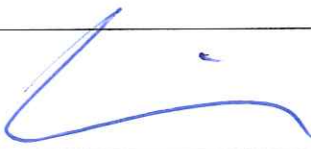
frequency of extreme weather events and/or long term changes in climate will affect your organization's infrastructure, its employees and/or its clients.)

More closely monitoring monthly energy consumption based on the significant decrease in usage in 2016.

Retirement of Offsets:

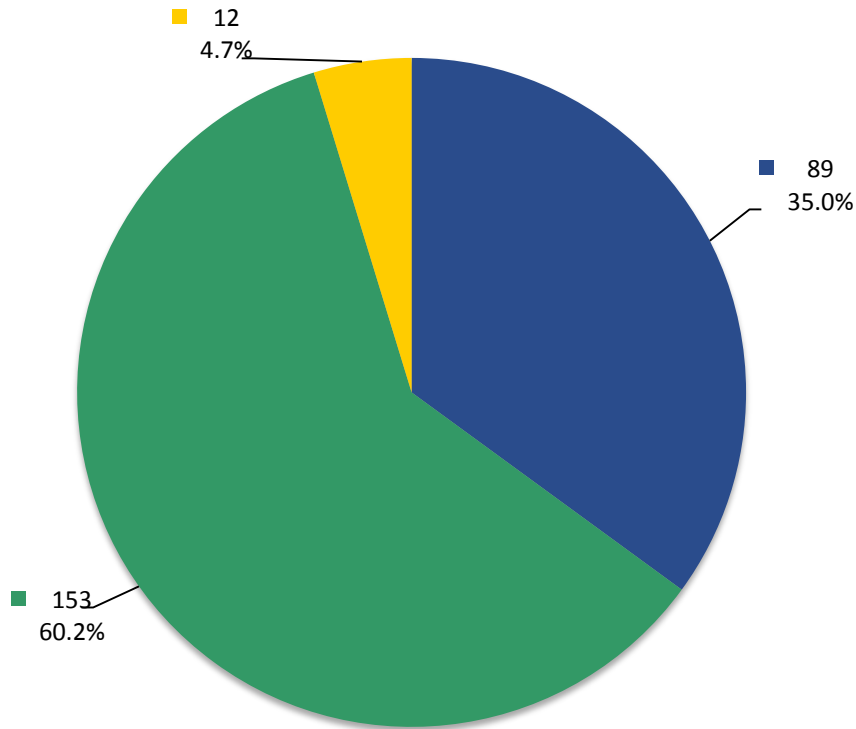
In accordance with the requirements of the *Greenhouse Gas Reduction Targets Act* and Carbon Neutral Government Regulation, School District No 19 (Revelstoke) (the Organization) is responsible for arranging for the retirement of the offsets obligation reported above for the 2016 calendar year, together 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

Name:	Bruce Tisdale	Title:	Associate Secretary Treasurer
(print)	_____		_____
Signature:		Date:	May 31, 2017
	_____		_____

Please scan and email the completed form to climateactionsecretariat@gov.bc.ca

**School District 19 - Revelstoke
Greenhouse Gas Emissions by Source
for the 2016 Calendar Year (tCO₂e*)**



Total Emissions: 254

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion (Building Heating and Generators) and Electricity
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2016 (Generated May 15, 2017 4:17 PM)

Total offsets required: **172**. Total offset investment: **\$4,300**. Emissions which do not require offsets: **82** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.