

2015 CARBON NEUTRAL ACTION REPORT – SMALL EMITTERS FORM

DUE: May 31, 2016

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. Please fill in the required information below (*Text in yellow italics should be removed or replaced with information specific to your organization*):

Organization Name:

School District 10 – Arrow Lakes(Nakusp)

Contact name:

Art Olson: 250-265-3638 Ext. 3331
Terry Taylor: 250-265-3638 Ext. 3304

GHG Emissions and Offsets for 2015 (TCO ₂ E)	
GHG Emissions created in Calendar Year 2015 (from SMARTTool Homepage):	
Total Emissions (tCO ₂ e)	353
Total Offsets (tCO ₂ e)	247
Adjustments to GHG Emissions Reported in Prior Years (from SMARTTool Homepage):	
Total Emissions (tCO ₂ e)	1
Total Offsets (tCO ₂ e)	1
Grand Total Offsets for the 2015 Reporting Year (from SMARTTool Homepage): (This is the total emissions that must be offset for Reporting Year 2015)	
Grand Total Offsets (tCO ₂ e)	248

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

- How many Full Time Equivalent (FTE) employees were part of your organization as of Dec 31, 2015? 76.885
- Crowns & Health Authorities only: What was the total amount of floorspace (m²) in your organization (including occupied and unoccupied space, owned or leased) as of Dec 31, 2015: 12649 (m²)
- What was the primary use of that space (office, education, warehousing, health services, lodging, arts and recreation, other)? education
- How many motor vehicles did your organization own or lease as of Dec 31, 2015? 20

List the top three actions taken by your organization in 2015 to reduce GHG emissions and/or improve sustainability:

Action
1. The installation of 2 solar projects on Nakusp Elementary School and Lucerne Elementary Secondary School. These project will be reducing the electrical consumption of energy at the schools.
2. The replacement of roofing in sections of the district schools with increased insolation, making the building envelope tighter and more efficient.
3. Sd 10 has revised the heating and ventilation schedules for the schools and has made changes using the DDC controls to maximize energy efficiency.

Describe plans your organization has for continuing to minimize your GHG emissions:

- To install LED light fixture on all district lighting, interior and exterior
- To install a set of new high efficient boilers at LESS
- Continuing of roof insolation upgrades
- Add exhaust fans to our DDC system
- Change procedures on trailering lawnmowers around the district to reduce fuel consumption.

Describe any actions your organization took during 2015 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.)

Sd 10 has installed the solar panels projects to 2 schools and have created a course to have students and teachers to monitor the energy that is being produced. We have the previous hydro bills and will be comparing our data to the bills with the students. This will raise the awareness of energy usage.

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, *[Organization Name]* (the Organization) is responsible for arranging for the retirement of the offsets obligation reported above for the 2015 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 *[To be signed by a senior official, such as CEO, COO or Superintendent]*

Name:
(print)

TERRY TAYLOR

Title:

Superintendent of Schools

Signature:

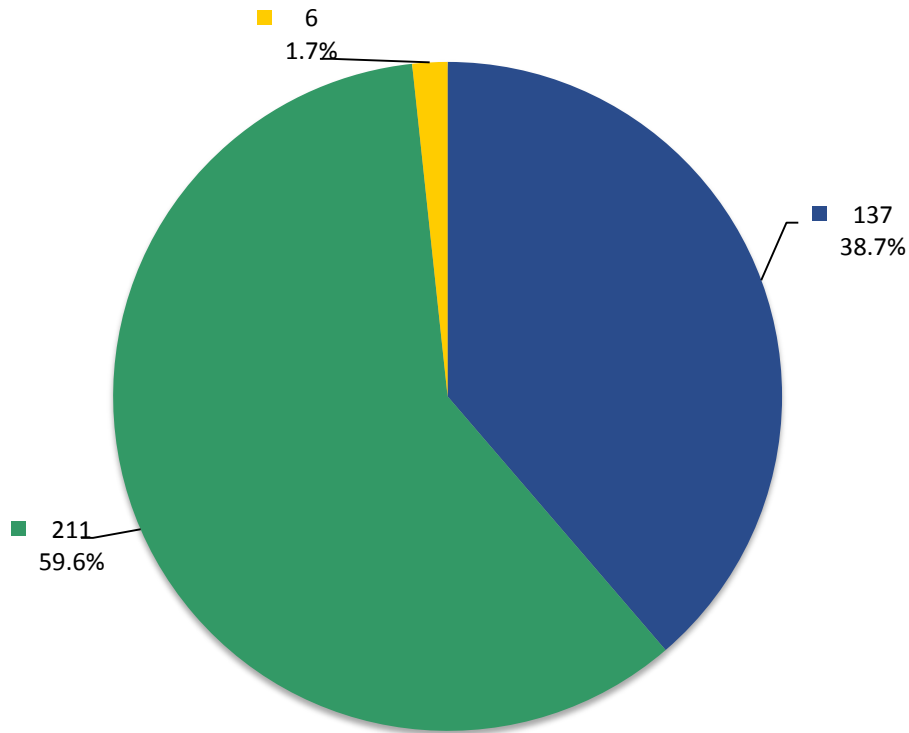


Date:

May 27/16

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

**School District 10 - Arrow Lakes (Nakusp)
Greenhouse Gas Emissions by Source
for the 2015 Calendar Year (tCO₂e*)**



Total Emissions: 354

- 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 2015 (Generated May 25, 2016 9:49 AM)

Total offsets required: **247**. Total offset investment: **\$6,175**. Emissions which do not require offsets: **107** **

*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.