

2014 CARBON NEUTRAL ACTION REPORT – SMALL EMITTERS FORM

DUE: May 29, 2015

[This form is for the use of BC Public Sector Organizations that had GHG emissions of less than 600 tonnes CO₂e in the 2014 reporting year, which as a group, equals less than 1% of all PSO emissions]

Organization Name:

School District 19 Revelstoke

Contact name:

Bruce Tisdale
SD19 Secretary Treasurer

GHG Emissions and Offsets for 2014 (TCO2E)	
GHG Emissions created in Calendar Year 2014 (from SMARTTool Homepage):	
Total Emissions	493
Total Offsets	420
Adjustments to GHG Emissions Reported in Prior Years (from SMARTTool Homepage):	
Total Emissions	-1
Total Offsets	0
Total Emissions for Offset for the 2014 Reporting Year (from SMARTTool Homepage)	
Total Offsets	420

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

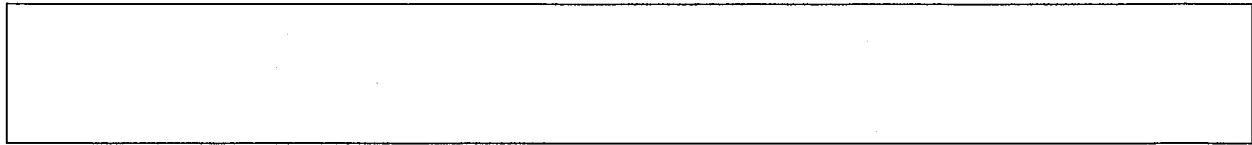
- How many Full Time Equivalent (FTE) employees do you have within your organization?
 119
- Schools, Universities and Colleges only: Number of student FTEs as of Dec 31, 2014? 955
- What is the total amount of floorspace in your organization (including occupied and unoccupied space)? Please report in square meters: 25,267

List the top three actions taken by your organization in 2014 to reduce GHG emissions and/or improve sustainability:

Action
1. Revelstoke Secondary School and Begbie View Elementary underwent an HVAC review to determine areas where the heating, cooling, and ventilation system can be further refined and improved to achieve better energy efficiency. Numerous changes to the digital programming of the plant equipment were made to reduce energy consumption.
2. Additional multilevel lighting controls were added to classrooms at Revelstoke Secondary School to allow greater occupant control of lighting levels. This provides lighting flexibility for occupants and potential energy savings as well.
3. Arrow Heights Elementary underwent an energy audit and analysis to identify areas within the HVAC system that could be improved through future project spending on digital controls and new, more energy efficient infrastructure. Application was made for additional funding to facilitate upgrades to the HVAC system.
4. Columbia Park Elementary underwent an energy audit and analysis to identify areas within the HVAC system that could be improved through future project spending on digital controls and new, more energy efficient infrastructure. Application was made for additional funding to facilitate upgrades to the HVAC system and the application was successful. A project was formulated to move ahead with renovations to the HVAC system.

Describe Plans your organization has for continuing to minimize your GHG emissions

<p>In the year 2015, Columbia Park Elementary will undergo renovations to the HVAC system to provide a dual source heating and cooling plant. Air-to-Air heat exchangers with second stage propane gas heaters will supplant the current reliance on propane heating units for the school.</p> <p>School District 19 will pursue additional funding to upgrade the HVAC system at Arrow Heights Elementary in order to reduce the school's current reliance on electric heat. The district will also pursue a plan to upgrade the propane boiler system with new energy efficient boilers.</p>
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Executive Sign-off

Name:
(print)

Mike Hooker

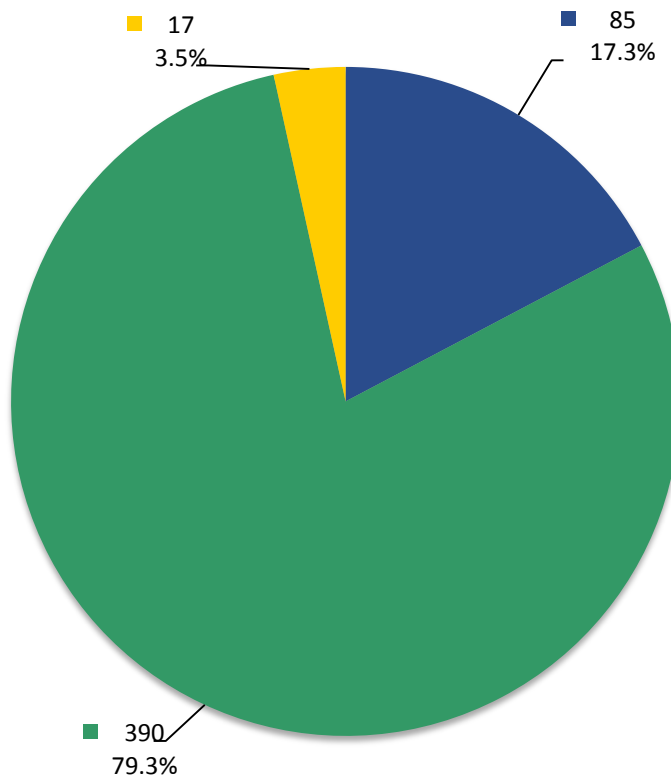
Title: Superintendent
of Schools

Signature:

Date: June 1st, 2015

Please scan and email the completed form to climateactionsecretariat@gov.bc.ca or fax to 250-356-7286.

**School District 19 - Revelstoke
Greenhouse Gas Emissions by Source
for the 2014 Calendar Year (tCO₂e*)**



Total Emissions: 493

- 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 2014 (Generated June 23, 2015 11:46 AM)

Total offsets required: **420**. Total offset investment: **\$10,500**. Emissions which do not require offsets: **73** **

*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.