

2014 Carbon Neutral Action Report

Organization name: The Board of Education of School District 72 (Campbell River)

Declaration statement: This *Carbon Neutral Action Report* for the period January 1st to December 31st, 2014 summarizes our emissions profile, the amount of offsets purchased to reach net zero emissions, the actions we have taken in 2014 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2015 and beyond.

By June 30 the School District 72 final *Carbon Neutral Action Report* will be posted to our website at www.sd72.bc.ca

Overview:

Compared with 2013, total non-exempt Greenhouse Gas Emission decreased by 7.3% in 2014. This represents a 29.4% decrease since 2008 (no 2007 data is available for benchmarking purposes articulated by Bill 44). Given the continued commitment of School District 72 to environmental sustainability and energy efficiency, we anticipate exceeding the Bill 44 target of a 33% reduction by 2020.

The decrease in 2014 greenhouse gas emissions is attributed to utility consumption and fleet operations. Reduction in fleet operations is attributed to the impact of job action by unionized staff. Similarly, approximately a reduction of 200,000 kWhr in electricity consumption occurred during the peak of job action. Nevertheless, continuing greenhouse gas emission save were realized in 2014 through completion of energy efficiency upgrades such as relamping (314,000 kWhr/yr) and mechanical system upgrades (e.g. 45.6 tCO₂e per year reduction from Robron School boiler replacement).

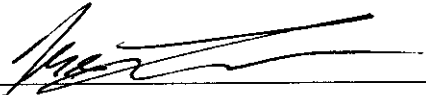
Work planned for 2015 includes boiler upgrade projects for Cedar School (annual savings of 28.7 tCO₂e) and Southgate School (annual savings 17.7 tCO₂e).

Emissions and Offsets Summary Table:

School District 72 GHG Emissions and Offsets for 2014 (TCO ₂ E)	
GHG Emissions created in Calendar Year 2014	
Total Emissions (TCO ₂ E)	2351
Total Offsets (TCO ₂ E)	2014
Adjustments to GHG Emissions Reported in Prior Years	

Total Emissions (TCO2E)	-3
Total Offsets (TCO2E)	0
Total Emissions for Offset for the 2014 Reporting Year	
Total Offsets (TCO2E)	2014

Executive sign-off:



 Signature

May 8, 2015

 Date

Tom Longridge

 Name (please print)

Superintendent

 Title

2014 Carbon Neutral Action Report (CNAR) - Part 2 ACTIONS

Organization Name

The Board of Education of School District 72 (Campbell River)

Actions Taken to Reduce Emissions

1) Stationary Fuel Combustion, Electricity (Buildings): Indicate which actions were taken in 2014:

Performed energy retrofits on existing buildings

Yes

Built or are building new LEED Gold or other "Green" buildings.

No

Undertook an evaluation of overall building energy use.

Yes

Please list any other actions taken to reduce emissions from Buildings:

Mechanical system upgrades. Lighting upgrades.

2) Mobile Fleet Combustion (Fleet and other vehicles): Indicate which actions were taken in 2014:

Do you have a fleet?

Yes

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

No

Replaced existing vehicles with hybrid or electric vehicles

No

Reduced the overall number of fleet vehicles

No

Took steps to drive less than last year

No

Please list any other actions taken to reduce emission from fleet:

Monitored anti-idling policy through GPS tracking. Reviewed bus routes for efficiency and effectiveness of schedules

3) Supplies (Paper):Indicate which actions were taken in 2014:

Used less paper than previous year

No

Used only 100% recycled paper

No

Used some recycled paper

Yes

Used alternate source paper (Bamboo, hemp, etc.)

No

Please list any other actions taken to reduce emissions from paper use:

Reviewed print management policies and practices.

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Actions Taken to Reduce Emissions - continued

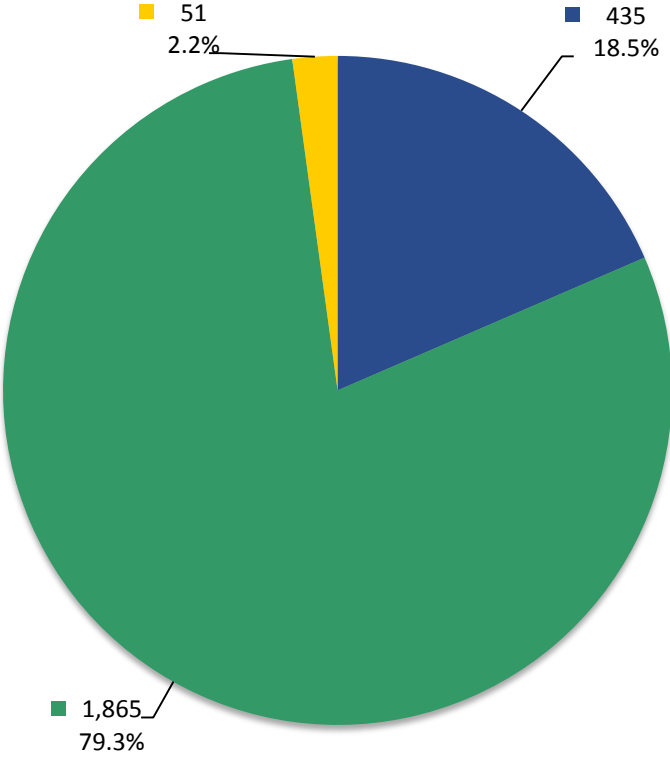
Explain how you plan to continue minimizing emissions in 2015 and future years:

Mechanical system upgrades. Continuing review of facilities usage and updating of Facilities Development Plan.

If you wish to list any other "sustainability actions" outside of buildings, fleet, paper and travel check "yes". This reporting is optional.

No

**School District 72 - Campbell River
Greenhouse Gas Emissions by Source
for the 2014 Calendar Year (tCO₂e*)**



Total Emissions: 2,351

- 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 25, 2015 11:02 AM)
Total offsets required: **2,014**. Total offset investment: **\$50,350**. Emissions which do not require offsets: **337** **

*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.