



Carbon Neutral Action Report - *Overview Template for 2013*

This is the 2013 Carbon Neutral Action Report (CNAR) for *School District No. 22 (Vernon)*. This report contains our 2013 emissions profile, offsets purchased, the actions we have taken in 2013 to reduce our GHG emissions and our plans to continue reducing emissions in 2014 and beyond.

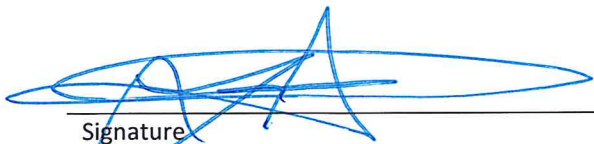
By June 30, 2014, *School District No. 22's* final CNAR will be posted to our website at www.sd22.bc.ca

Our District actively promotes anti-idling, recycling, composting, and waste-reduction programs at our schools and sites. We continue to retrofit our fleet and buildings with Green technology as available including the use of: light sensors, automatic timers, Co2 sensors, and Orca energy management systems. We routinely incorporate green decision making into purchasing and buy energy star rated appliances and recycled paper and other products where feasible. We promote carpooling among staff and provide Pro-D and on the job training that incorporates energy conservation such as the Smart Driver Training Program.

Emissions and Offsets Summary:

Organization X GHG Emissions and Offsets for 2013 (TCO2E)	
GHG Emissions created in calendar year 2013 (from SMARTTool Homepage)	
Total Emissions	2986
Total Emissions for Offsets	2271
Adjustments to GHG Emissions Reported in Previous Years (from SMARTTool Homepage)	
Total Emissions	13
Total Emissions for Offsets	13
Credit owing from PCT at end of 2012 reporting year (if applicable – from May 15 Invoice):	
Credit Owing	528
Total Emissions for Offsets for the 2013 Reporting Year (from Offset Invoice):	1756





Signature

27-MAY-2014

Date

Lewis G. Hill

Name (please print)

SECRETARY - TREASURER

Title

2013 Carbon Neutral Action Report (CNAR) - Part 2 ACTIONS

Created Thursday, April 10, 2014

Updated Tuesday, May 27, 2014

<https://fluidsurveys.com/surveys/cas-z/2013-cnar-form-bps-actions/ae0f95b87c10811e2385b01c04fa7426/>

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Please complete the following sections of the 2013 Carbon Neutral Action Report form. Save your work frequently to prevent it from being lost. You can also save a copy for your own use as either a WORD or PDF file using the buttons at the bottom of each page.

This is Part 2 of the Carbon Neutral Action Report form. This section reports on actions taken to reduce emissions during the 2013 calendar year. This information will be included in your final Carbon Neutral Action Report posted on the Ministry of Environment website.

When the form is complete press the submit button on the last page to automatically submit the information to the Climate Action Secretariat (CAS). Do not press submit before you are ready – this may result in a loss of work.

In addition to completing this survey (Part 1 2), you are required to submit your completed Overview (Executive Summary) and Self-Certification Checklist. The 2013 Overview template was included in the email sent and can also be found on the LiveSmart leaders Community.

Please ensure you meet the following reporting deadlines:

A DRAFT 2013 CNAR is due to CAS by March 31, 2014. The draft is comprised of the Overview ONLY (no executive sign-off required).

The FINAL 2013 CNAR is due to CAS by May 30, 2014. The final 2013 CNAR includes Part 1 Part 2 survey form and Overview.

The Self-Certification Checklist is due to CAS by May 15, 2014.

For more information about the Carbon Neutral Government process, please refer to *Becoming Carbon Neutral 2013*, or should you have any questions please contact climateactionsecretariat@gov.bc.ca.

Organization Name

School District No. 22 (Vernon)

Actions Taken to Reduce Emissions

1) Stationary Fuel Combustion, Electricity (Buildings):

Indicate which actions were taken in 2013:

Performed energy retrofits on existing buildings

Yes

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

Yes

Undertook an evaluation of overall building energy use.

No

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

in the process

2) Mobile Fleet Combustion (Fleet and other vehicles):

Indicate which actions were taken in 2013:

Do you have a fleet?

Yes

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

Yes

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

Yes

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

*reduction of five bus routes
encourage car pooling when advantageous*

3) Supplies (Paper):

Indicate which actions were taken in 2013:

Used less paper than previous year

Yes

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:

(No response)

Actions Taken to Reduce Emissions - continued

Explain how you plan to continue minimizing emissions in 2014 and future years:

continue with our anti-idling policy; bus driver training program; replacing buses and older maintenance fleet vehicles with more fuel effective vehicles. use the purchased cube van to replace the five tonne truck for most deliveries within our district.

For our school buildings, we have been involved in an energy retro fit program like low flow, light sensors, temperature setbacks, water management, lighting, use of low E paint and use of recycled material where possible.

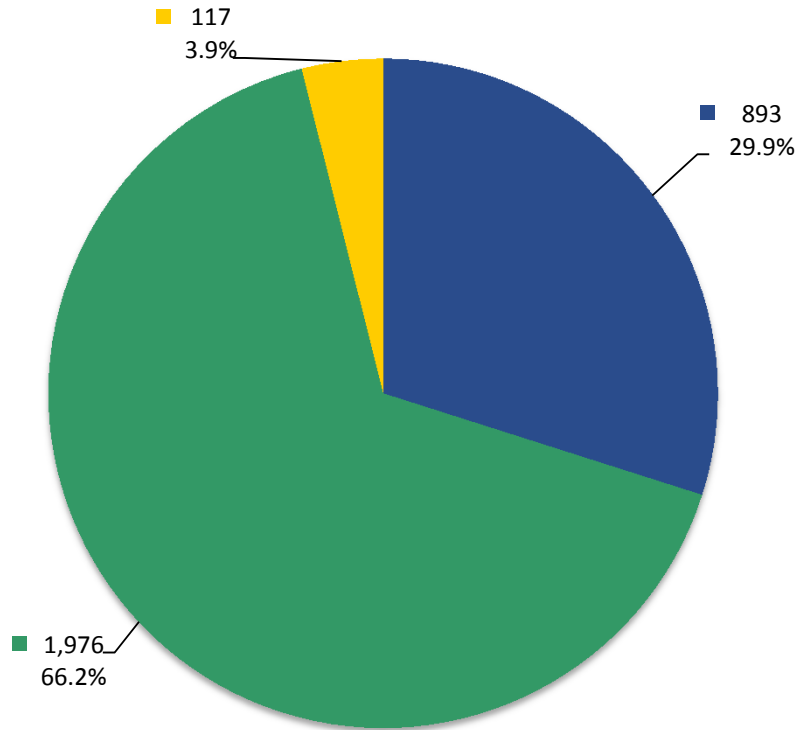
Continue to use the computer based energy management system. We have Co2 sensors in many locations that turn the fresh air flow on/off according to occupancy as well as door sensors. replace applicances with Energy Star Rated applicances.

Carpooling to our rural school locations is ongoing.

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 22 - Vernon
Greenhouse Gas Emissions by Source
for the 2013 Calendar Year (tCO₂e*)**



Total Emissions: 2,986

- 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 2013 (Generated May 21, 2014 3:20 PM)

Total offsets required: **2,271**. Total offset investment: **\$56,775**. Emissions which do not require offsets: **715** **

*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.