

SCHOOL DISTRICT NO. 53 (OKANAGAN SIMILKAMEEN)

Box 1770, 6161 Okanagan Street
Oliver BC V0H 1T0
Phone: 250-498-3481
Fax: 250-498-4070
Website: www.sd53.bc.ca

School District No. 53 (Okanagan Similkameen)

2013 Carbon Neutral Action Report

Executive Summary

School District No. 53 is committed to the environment and to reducing its carbon footprint. School District No. 53 believes in the future of its children which includes leaving a clean environment for future generations. We have continued with our goal to become carbon neutral in the future. Past accomplishments include: Environmental Excellence Award by PowerSense (FortisBC 2004), DDC in all facilities, mechanical upgrades.

As an educational organization and members of society, we realize the importance of caring for the planet. Our students benefit greatly by the increased awareness around climate and other environmental issues. The modeling that government is using today will shape the attitudes and responses of today's students when they are charged with leading families and communities in environmentally sound behaviour. Education and awareness will be the focus for the district in the coming years.

Overview

2013 Greenhouse Gas Emissions and Offsets Applied to Become Carbon Neutral in 2013

School District No. 53 had total emission of 937 tonnes, of which 681 tonnes are offsetable. The district also had a prior year adjustment of 39 tones. This resulted in the district having a total of 720 tonnes of offsetable emissions for the 2013 reporting year.

Actions Taken to Reduce Greenhouse Gas Emissions in 2013

Actions taken in 2013 include:

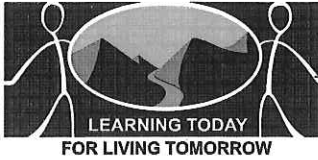
1. replaced numerous RTU units with heat pumps;
2. Implementing Multipurpose copying and printing tracking to reduce paper usage.
3. continue to car pool where possible;
4. continue paper purchase of recycled paper;
5. default on all our multi-functional devices to double-sided copies ;
6. a wind turbine at SOSS, primarily to educate the students, but one which will also provide a small amount of electricity;
7. Oliver Elementary School and SOSS have installed water solar panels at the school to utilize and obtain environmental benefits from the sun;
8. SOSS will be installing photovoltaic panels to produce electricity;
9. Meetings via webcasting.

Plans to Continue Reducing Greenhouse Gas Emissions 2013 – 2014

Our biggest reductions in greenhouse gases will be through the development of:

1. a continuing effort to replace heating units with more energy efficient models
2. Roll out of multipurpose machine copying and printing tracking.
3. Education and awareness.

Bev Young, Superintendent of Schools




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Carbon Neutral Action Report - Overview for 2013

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	937
Total Emissions for Offsets	681
Adjustments to GHG Emissions Reported in Previous Years (from SMARTTool Homepage)	
Total Emissions	39
Total Emissions for Offsets	39
Credit owing from PCT at end of 2012 reporting year (if applicable – from May 15 Invoice):	
Credit Owing	0
Total Emissions for Offsets for the 2013 Reporting Year (from Offset Invoice):	720


 Signature
 James Pocher
 Name (please print)

May 30th 2014
 Date
 Assistant Secretary Treasurer
 Title

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

Created Monday, March 24, 2014

Updated Monday, March 31, 2014

<https://fluidsurveys.com/surveys/cas-z/2013-cnar-form-bps-actions/032ba1be88d7655e2883e7f1a143dbcf/>

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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 53 (Okanagan Similkameen)

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:

(No response)

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

Yes

Took steps to drive less than last year

Yes

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

Monitor maintenance travel and educate drivers.

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:

Set up Equitrac print management and cost recovery software.

Actions Taken to Reduce Emissions - continued

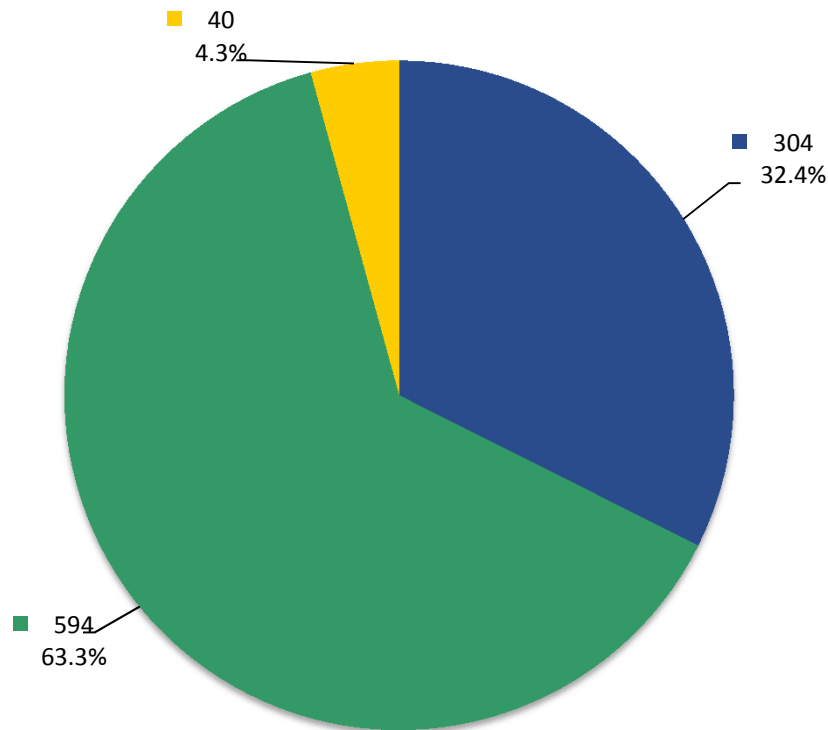
Explain how you plan to continue minimizing emissions in 2014 and future years:

By upgrading fleet. By paying vendors with electronic funds transfer instead of generating cheques.

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 53 - Okanagan Similkameen Greenhouse Gas Emissions by Source for the 2013 Calendar Year (tCO₂e*)



Total Emissions: 937

- 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 3:52 PM)

Total offsets required: **681**. Total offset investment: **\$17,025**. Emissions which do not require offsets: **256** **

*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.