

**2017 Carbon Neutral Action Report**

**School District #53 Okanagan Similkameen**

**Declaration statement:** This *Carbon Neutral Action Report* for the period January 1<sup>st</sup> to December 31<sup>st</sup>, 2017 summarizes our emissions profile, the amount of offsets purchased to reach net zero emissions, the actions we have taken in 2017 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2018 and beyond.

By June 30, 2018 School District #53 final *Carbon Neutral Action Report* will be posted to our website at [www.sd53.bc.ca](http://www.sd53.bc.ca)

**Overview:**

Priority items done over the 2017 year include:

- Phase 3 Mechanical Upgrade Similkameen Elementary Secondary School
- Duct cleaning of two schools to improve air handling
- Installation of new doors at Similkameen Elementary Secondary School to reduce heat loss
- LED interior lighting upgrade throughout District.
- Steps taken to monitor consumption in all sites – in discussion with Energy specialist
- 

**Emissions and Offsets Summary Table:**

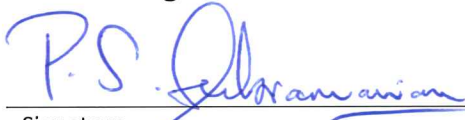
<i>School District #53 GHG Emissions and Offsets for 2016 (TCO2E)</i>	
<b>GHG Emissions created in Calendar Year 2017</b>	
Total Emissions (TCO2E)	990
Total Offsets (TCO2E)	755
<b>Adjustments to GHG Emissions Reported in Prior Years</b>	
Total Emissions (TCO2E)	0
Total Offsets (TCO2E)	0

Total Emissions for Offset for the 2014 Reporting Year	
Total Offsets (TCO2E)	755

**Retirement of Offsets:**

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, *School District #53 (Okanagan Similkameen (the Organization))* is responsible for arranging for the retirement of the offsets obligation reported above for the 2017 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:**

	30 May 2018
Signature	Date
SUBRA PALIAPPA	SECRETARY TREASURER
Name (please print)	Title

/

# Part 1: CNAR Survey

## 1. General Information

Name: Deborah Sansome

Contact Email: dsansome@sd53.bc.ca

Organization Name: SD#53 Okanagan Similkameen

Sector: School District

## 2. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

During 2017, did your organization take any of the following actions to support emissions reductions from buildings? (please select all that apply)

Performed energy retrofits of the organization's building(s)

If you selected "*Performed energy retrofits of the organization's building(s)*":

How many buildings were retrofitted?: 8

If you selected "*Built, or are building new LEED Gold or other "Green" buildings*":

How many new "Green" buildings?:

Did your Organization perform any retrofits during 2017? Please describe briefly:

All schools received a lighting upgrade to LED.

Partial Mechanical upgrade at our Similkameen Elementary Secondary School

## 2a. Stationary Sources (eg. Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

Please briefly describe your organization's plans to continue reducing emissions from its stationary sources:

### a) Over the next 1-5 years

We have done our lighting upgrade throughout our District and working on our mechanical upgrades as funding permits. We are now looking to our building envelope and doing what upgrades we can. We have completed a district wide survey of our building roof structure and will be moving forward with replacement as they age out. This replacement will incorporate updated insulation factors.

### b) Over the following 6-10 years

Will we continue on with the building envelop for our schools. This will include roofing, windows and door upgrades.

## 3. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

During 2017, did your organization take any of the following actions to support emission reductions from its mobile sources? (please select all that apply)

None of the above

If you selected "*Replaced existing vehicles with more fuel efficient vehicles (gas/diesel)*":

How many vehicles?:

If you selected "*Replaced existing vehicles with hybrid or electric vehicles*":

How many vehicles?:

## 3a. Mobile Sources (Vehicles, Off-road/portable Equipment): Fuel Combustion:

Please briefly describe your organization's plans to continue reducing emissions from its mobile sources:

**a) Over the next 1-5 years**

We are looking into lease vehicles for our fleet. Hoping to upgrade our vehicles with the latest fuel efficiencies.

**b) Over the following 6-10 years**

If we are able to lease our white fleet, this will keep us as updated as possible with current emission standards and fuel efficiencies. There may be opportunities to invest in electric vehicles but currently we do not have the infrastructure to carry this out.

## 4. Supplies (Paper): Indicate which actions your PSO took in 2017:

During 2017, did your organization take any of the following actions to support emissions reductions from paper supplies? (please select all the apply)

None of the above

4) Supplies (Paper): Indicate which actions your PSO took in 2017: - Other? Please describe briefly: We do have a policy for all copiers to default to pdf rather than print.

If you selected "*Had a policy requiring the purchase of recycled content paper*":

State the required recycled content here (30%, 50%, 100%):

If you selected "*Had a policy requiring the purchase of alternate source paper (bamboo, hemp, wheat, etc)*", which type of alternate source paper did you use?

Please briefly describe your organization's plans to continue reducing emissions associated with its office paper use in future years.

## 5. Other Sustainability Actions

### a) Business Travel

During 2017, did your organization take any of the following actions to support emissions reductions from business travel? (please select all that apply)

None of the above

5) Other Sustainability Actions - Other? Please specify:: We have a protocol in place for car pooling when on business trips. We also attend , when possible web based training and conferences

### b) Education/Awareness

During 2017, did your organization have any of the following programs or initiatives to support sustainability education and awareness? (please select all that apply)

None of the above

### c) Other Sustainability Actions

During 2017, did your organization have any of the following programs or initiatives to support sustainability? (please select all that apply)

A water conservation strategy which may include a plan or policy for replacing water fixtures with efficient models

5b) Other Sustainability Actions - Other? Please specify:: We are in the process of upgrading an existing grounds water system with reclaimed water.