



CNAR OVERVIEW

Title: 2017 Carbon Neutral Action Report

Organization name: School District 72 (Campbell River)

Declaration statement: This Carbon Neutral Action Report for the period January 1st, 2017 to December 31st, 2017 summarizes our emissions profile, the total offsets 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 72 (Campbell River) final *Carbon Neutral Action Report* will be posted to our website at <http://www.sd72.bc.ca/about/environment/Pages/default.aspx>

Overview:

In 2017, School District 72 (Campbell River) continued its program of seeking opportunities to reduced Greenhouse Gas Emissions. This contributed to a decrease in Total Emissions of 253 (tCO₂e), or 8%, in compared to 2016. As outlined in our Strategic Energy Management Plan (available on the school district web site), specific actions included life-cycle boiler replacements, mechanical system upgrades, and replacement of unit ventilators.

We also improved our monitoring and reporting tools by adopting new energy management software and continuing our program of upgrading Digital Direct Controls. This is resulting in greater flexibility to communicate utility performance to schools and quicker response to emergent heating and ventilation concerns.

Looking forward to 2018, additional boiler and mechanical system upgrades are planned. Additionally, in response to unusually high office paper consumption in 2017, a renewed focus on office paper consumption is planned.

Emissions and Offset Summary Table:

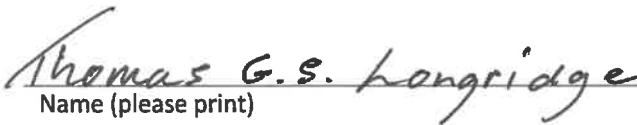
School District 72 (Campbell River) GHG Emissions and Offset for 2017 (tCO₂e)	
GHG Emissions created in Calendar Year 2017:	
Total Emissions (tCO ₂ e)	2,819
Total Offsets (tCO ₂ e)	2,440
Adjustments to GHG Emissions Reported in Prior Years:	
Total Emissions (tCO ₂ e)	897
Total Offsets (tCO ₂ e)	897
Grand Total Offsets for the 2017 Reporting Year	
Grand Total Offsets (tCO ₂ e)	3,337

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District 72 (Campbell River) (**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 and Climate Change Strategy ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, 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:


March 13, 2018
 Signature Date


Superintendent/CEO
 Name (please print) Title

Part 1: CNAR Survey

1. General Information

Name: Steve Woods

Contact Email: steve.woods@sd72.bc.ca

Organization Name: School District 72 (Campbell River)

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)

Conducted an energy audit/study of building(s) in the organization's portfolio.; 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?: 4

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:

For two schools, completed life-cycle boiler replacements that included conversion to high-efficiency boilers. Began mechanical systems upgrade for one school to improve heat distribution throughout building. Life cycle replacement of two unit ventilators in one school with modern units.

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

Continue program life cycle replacement of obsolete boilers using high efficiency boilers. Continue program of replacing obsolete unit ventilators with modern units. Continue building envelope upgrades.

b) Over the following 6-10 years

Consider energy & environmental aspects when developing new projects.

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)

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

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

How many vehicles?: 2

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

Phase out propane vehicles and equipment.

b) Over the following 6-10 years

No opportunities identified at this time.

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: Emission reductions objective supported through SD 72 Environmental Responsibility Procedure

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.

Raise awareness of emissions associated with office paper use.

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

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)

Support for professional development on sustainability (e.g. workshops, conferences, training)

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; An operations policy or program to facilitate the reduction and diversion of building occupant waste (e.g., composting, collection of plastics, batteries) from landfills or incineration facilities; Green procurement standards for goods (e.g., office furniture, etc.)