



SCHOOL DISTRICT #81 (FORT NELSON)
2017 CARBON NEUTRAL ACTION REPORT

Art on the cover was prepared for our Semi-Annual Earth Day Event entitled "Love Earth"

These entries were from our J.S. Clark Primary School

They include the following:

Centre: Hedgehog Haven – made from recycled textbooks – joint entry by Grades 3 and 4

Either Side of Hedgehogs – water bottle trees – made from recycled water bottles – Kindergarten and Grade 1

Back Right – Cardboard Portraits – made from recycled cardboard – Grade 2

DECLARATION STATEMENT

This Carbon Neutral Action Report for the period January 1, 2017 to December 31, 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 #81 (Fort Nelson) final Carbon Neutral Action Report will be posted on our website at www.sd81.bc.ca.

EXECUTIVE SUMMARY

School District #81 (Fort Nelson) is in the northeastern corner of British Columbia. With a population of less than 800 students it is one of the smallest school districts in the province. The community of Fort Nelson has been challenged in most recent years with a downturn in the economy that has reflected itself in a constantly declining, unpredictable student population.

Within the Northern Rockies Regional Municipality, we have two primary schools with grades Kindergarten to four; an elementary school with grades five to seven; and a high school with grades eight to twelve. Two miles of scenic driving delivers you to our Grades 1 to 12 rural two room school.

The highlight in our district this year, to reduce our carbon footprint, was a lighting project. We removed 141 two lamp T-12 light fixtures and replaced them with 64 2x4 LED Fixtures. Not only have we reduced our energy consumption significantly we have made a much more pleasurable learning environment for staff and students.

Our school staff continue to encourage students to reduce their carbon footprint through development of routine daily habits including participation in recycling of cans, water bottles, paper, and phonebooks to name a few; turning off the lights when you leave a room; and composting waste materials.

Every other year we focus on a concentrated education forum. Students district wide are encouraged to participate and contribute to a "Green Learning" Exhibit at our local theatre. Contributions extend from displays identified on the cover, short videos, and photo essays to name a few. It is quite an exciting event.

It is our intention to continue to encourage students and staff to focus on ways to reduce our carbon footprint.


EMISSIONS AND OFFSET SUMMARY TABLE

School District #81 (Fort Nelson) - GHG Emissions and Offset for 2017 (tCO₂e)	
GHG Emissions created in Calendar Year 2017	
Total Emissions (tCO ₂ e)	469
Total Offsets (tCO ₂ e)	462
Adjustments to GHG Emissions Reported in Prior Years	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2017 Reporting Year	
	462
Grand Total Offsets (tCO ₂ e)	462

RETIREMENT OF OFFSETS

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District #81 (Fort Nelson) 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 totaling \$12,127.50.

Respectfully Submitted,



Diana Samchuck
Superintendent of Schools



Margaret-Anne Hall
Secretary-Treasurer

Part 1: CNAR Survey

1. General Information

Name: Margaret-Anne Hall

Contact Email: mhall@sd81.bc.ca

Organization Name: School District 81 (Fort Nelson)

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?: 1

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:

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

will be replacing more t-12 fixtures in other schools. As well, we have been approved under the CEP program to replace 6 mid-efficient boilers with 3 high efficient

b) Over the following 6-10 years

Move from 19 gas fired furnaces to 2 high efficient boilers.

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

Will be replacing an 18 year old van with a smaller, more fuel efficient van. The climate in Fort Nelson and the distance from service centres makes it prohibitive to choose a hybrid or electric vehicle.

b) Over the following 6-10 years

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

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.

Will continue to encourage using both sides of the paper and using recycled paper.

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)

A Green, Sustainability or Climate Action Team

5a) Other Sustainability Actions - Other? Please specify:: We had a team encourage students and staff to participate in a green event at our local theatre. Participation was incredible and projects amazing!

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