

# 2021 CLIMATE CHANGE ACCOUNTABILITY REPORT

SCHOOL DISTRICT 81 (FORT NELSON)  
MARGARET-ANNE HALL



# 2021 PUBLIC SECTOR ORGANIZATION CLIMATE CHANGE ACCOUNTABILITY REPORT

Organization: School District 81 (Fort Nelson)

## PART 1. Legislative Reporting Requirements

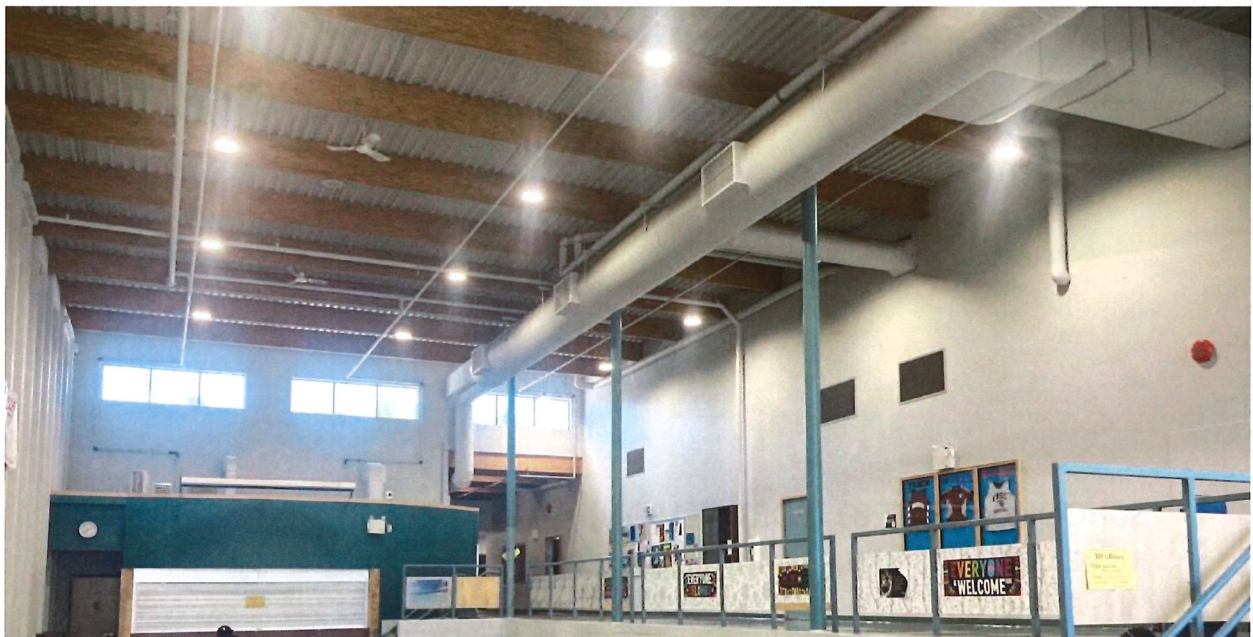
**Declaration statement:** This PSO Climate Change Accountability Report for the period January 1, 2021 to December 31, 2021 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2021 to reduce our GHG emissions, and our plans to continue reducing emissions in 2022 and beyond.

### Emission Reductions: Actions & Plans

#### A. Stationary Sources (e.g. buildings, power generation)

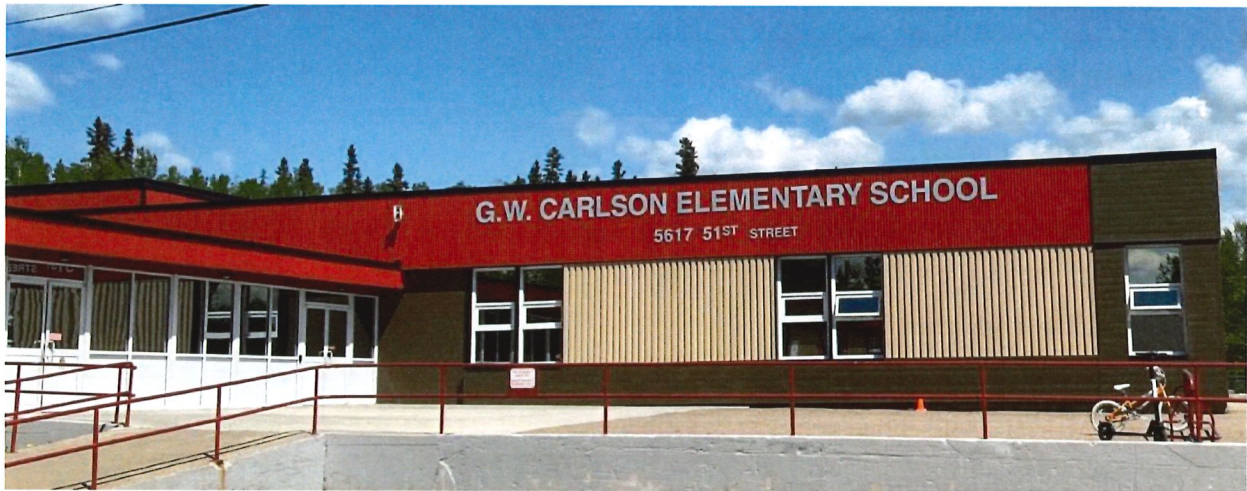
In an effort to reduce water usage, in this time of changing climate patterns, School District 81 replaced all of their taps district wide with touchless taps.

As well, all emergency and exit lights were replaced with LED lights district wide. In continuing with our retrofit lighting program we replaced the lights in the multipurpose room, hallways and some classrooms, with LED lights, at our highschool. This is an ongoing program with more lighting retrofits approved for change into the future.



We continued with deep retrofits at two of our schools. The existing metal siding was removed and replaced with 1.5 inch wool insulation and new cladding. At one school glass rock, an exterior grade drywall, was applied prior to the cladding application. New double glaze windows were installed as well.

We will continue with the deep retrofits at other school district buildings, with new cladding, windows and upgraded insulation.



We continued to participate in a worm composting program with the Municipality. In 2021, 5880 kg. of grass/debris and 1510 kg. of paper and cardboard was recycled through a worm composting program, keeping 7390 kg. out of the landfill.

#### **B. Mobile Sources**

Our maintenance department continues to operate with a reduced number of vehicles. The department is diligent in performing routine maintenance such as checking the tire pressure, changing of oil and filters, etc.

#### **C. Paper Consumption**

District schools purchase recycled paper and are diligent in making use of any scrap paper. As noted previously 1510 kg. of paper and cardboard were provided to the worm composting project this year in comparison to 1670 kg. last year due to reduced paper usage.



### 2021 GHG Emissions and Offsets Summary Table:

School District 81 2021 GHG Emissions and Offsets Summary	
<b>GHG Emissions created in Calendar Year 2021</b>	
Total Emissions (tCO <sub>2</sub> e)	1147
Total BioCO <sub>2</sub>	1
Total Offsets (tCO <sub>2</sub> e)	1139
<b>Adjustments to Offset Required GHG Emissions Reported in Prior Years</b>	
Total Offsets Adjustment (tCO <sub>2</sub> e)	465
<b>Grand Total Offsets for the 2021 Reporting Year</b>	
Grand Total Offsets (tCO <sub>2</sub> e) to be Retired for 2021 Reporting Year	1604
Offset Investment (\$25 per tCO <sub>2</sub> e)	40100

#### Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation School District 81 is responsible for arranging for the retirement of the offsets obligation reported above for the 2021 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (the Ministry) 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.

## **PART 2. Public Sector Leadership**

### **2A. Climate Risk Management**

We have not proceeded with any initiatives in this area.

### **2B. Other Sustainability Initiatives**

The School District Green Committee is working with the Municipal Community and Social Development Coordinator to expand our contribution to the worm compost program to include wet waste from lunches. Keeping in mind that we have the potential for a bear problem in our community we are researching appropriate individual classroom garbage cans that will not emit odor as well as secure, bear proof outdoor garbage receptacles.

### **2C. Success Stories**

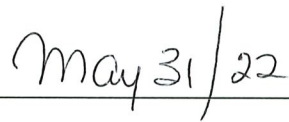
School District 81 will continue to strive towards greater emission reduction by being attentive to possibilities. We are particularly proud of our involvement with the worm composting project in our municipality. We were the first "customers" of the Subway waste reduction program and continue to be the greatest contributor to the worm compost project.

### **Executive Sign-off:**



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Margaret-Anne Hall, Secretary-Treasurer



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Date

