

# Carbon Neutral Action Report

## 2021 Reporting Year

**Title:** 2021 PSO Climate Change Accountability Report

**Organization:** School District No. 58 (Nicola-Similkameen)

**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)

- 1) Buildings have undergone LED lighting upgrades with 90% of the buildings completed.
- 2) The district has committed to replacing HVAC units with lower more energy efficient models.
- 3) Retrofits or replacements within buildings are all considered for reduced emissions.

#### B. Mobile Sources (e.g., fleet vehicles, off-road/portable equipment)

All mobile equipment undergoes a rigorous maintenance program to ensure all equipment operate efficiently. All mobile equipment are checked yearly for replacement looking at past repairs and age.

#### C. Paper Consumption

The district has committed and implemented a server-based document system that will house all documents. This will significantly reduce the use of all printing and paper products. Staff will be trained on how to use the system to ensure efficiency.

**2021 GHG Emissions and Offsets Summary Table:**

<b>School District No. 58 2021 GHG Emissions and Offsets Summary</b>	
<b>GHG Emissions created in Calendar Year 2021</b>	
Total Emissions (tCO <sub>2</sub> e)	1146.1
Total BioCO <sub>2</sub>	7.416314
Total Offsets (tCO <sub>2</sub> e)	956
<b>Adjustments to Offset Required GHG Emissions Reported in Prior Years</b>	
Total Offsets Adjustment (tCO <sub>2</sub> e)	47
<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	1,003
Offset Investment (\$25 per tCO <sub>2</sub> e)	\$25,075

**Retirement of Offsets:**

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 58 (**the Organization**) 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**

School District #58 is committed to reducing GHG emissions through researching and identifying any equipment, vehicles, or any other items the district can successfully reduce GHG's. With our proactive approach year after year, we are confident we will meet our goals.

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

Actions taken in 2021.

- 1) Cleaning and maintenance of HVAC systems to ensure efficient operation.
- 2) Replace siphonic urinal tanks with no touch flush system to reduce water usage.
- 3) DDC upgrades to control heating and cooling for reduced energy consumption.
- 4) HVAC replacements for reduced energy consumption.
- 5) Reduced vehicle usage with staff sharing cars and schools filling a bus for trips with multiple schools or classes.
- 6) Boiler repairs and upgrades for reduced energy consumption.
- 7) Continuing our florescent lighting replacement with LED lighting.

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

- 1) All staff are encouraged to travel together when possible.
- 2) Smaller out of town meetings are now held via teams or zoom eliminating any driving.
- 3) All paper waste is transported to our local eco depo and recycled.
- 4) All plastics or batteries or any other recyclable is transported to the local eco depo for recycling.

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

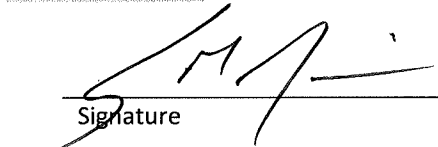
School District #58 has had 2 success stories that stand out for 2021.

- 1) The district has committed to upgrading all buildings to LED lighting. To date all buildings except 1 have been upgraded. Not only has there been cost savings but the reduced maintenance costs and no bulb replacements.
- 2) The district has also committed to upgrading HVAC and boiler units that are aging and failing. The new units will be energy efficient and reduce maintenance and operating costs.

**Executive Sign-off:**

**[All PSOs, including Small Emitters, must have their final report signed by a senior official, such as CEO, COO or Superintendent]**

Signature	Date
Name (please print)	Title

Signature:  Date: May 27, 2022

Name (please print): S. McNIVEN Title: SUPERINTENDENT

**[Please email your signed, completed report to [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca) by no later than May 31, 2022]**