

## SCHOOL DISTRICT NO. 58 (NICOLA-SIMILKAMEEN) 2022 PSO CLIMATE CHANGE ACCOUNTABILITY REPORT

**Title:** 2022 PSO Climate Change Accountability Report

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

### **PART 1. Legislative Reporting Requirements**

**Declaration statement:** This PSO Climate Change Accountability Report for the period January 1, 2022 to December 31, 2022 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2022 to minimize our GHG emissions, and our plans to continue reducing emissions in 2023 and beyond.

#### **Emission Reductions: Actions & Plans**

The school district continues to purchase HVAC equipment that has improved efficiency. The district also is looking at all other systems for future replacement.

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

The district is concentrating on HVAC equipment replacement with replacing the oldest units. The district runs all HVAC with a DDC system. The systems are set for optimal performance.

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

The district looks at all bus routes yearly to ensure we are driving as little as possible for each route. Routes are changed to reduce any excess travel.

The district will be looking at zero emission buses and district vehicles within the next couple years.

The district has not started any charging station feasibility studies, electrical panel upgrades, etc.

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

The district uses the Ricoh paper tracking system. This allows the district to monitor and limit paper usage. The district continues to see a reduction in paper usage each year.

# 2022 GHG Emissions and Offsets Summary Table

School District No. 58 (Nicola-Similkameen) 2022 GHG Emissions and Offsets Summary			
GHG emissions for the period January 1 - December 31, 2022			
Total BioCO <sub>2</sub>		10.7	
Total Emissions (tCO <sub>2</sub> e)		1332	
Total Offsets (tCO <sub>2</sub> e)		1079	
Adjustments to Offset Required GHG Emissions Reported in Prior Years			
Total Offsets Adjustment (tCO <sub>2</sub> e)		0	
Grand Total Offsets for the 2022 Reporting Year			
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO <sub>2</sub> e)		1079	
Offset Investment (\$)		\$ 26,975	

## Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 58 (Nicola-Similkameen) (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2022 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 Climate 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 2022:

- 1) Cleaning and maintenance of HVAC systems to ensure efficient operation.
- 2) Continue to 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 multiple success stories for 2022, a couple are:

- 1) The district has committed to and has upgraded multiple DDC units within the district. This allows us to have better control over heating and cooling.
- 2) The district has replaced multiple HVAC and boiler units that were aging and failing. The new units are energy efficient and reduce maintenance and operating costs.

**Executive Sign-off:**

Signature



Date

May 29/2023

Name (please print)

Darrell Finigan

Title

Operations Manager

[Please email your signed report to [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca) by no later than May 31, 2023]