

School District No. 58 (Nicola-Similkameen)

2023 PSO Climate Change Accountability Report

Title: 2023 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, 2023 to December 31, 2023 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2023 to minimize our GHG emissions, and our plans to continue reducing emissions in 2024 and beyond.

Emission Reductions: Actions & Plans

The school district continues to purchase new 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. We are striving to have all large old consumption units replaced over the next 5 years.

The district runs all HVAC with a DDC system and are monitored daily. 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 this year.

The district will be starting a charging station feasibility and electrical bus study this year.

C. Paper Consumption

The district uses the Ricoh paper tracking system. This allows the district to monitor and limit paper usage. The district encourages staff to change their teaching and day to day printing habits to include the use of tablets and online work. The district continues to see a reduction in paper usage each year.

2023 GHG Emissions and Offsets Summary Table

School District No. 58 2023 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2023	
Total BioCO ₂	12.5
Total Emissions (tCO ₂ e)	1273
Total Offsets (tCO ₂ e)	998
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2023 Reporting Year	
Grand Total Offsets to be Retired for 2023 Reporting Year (tCO ₂ e)	998
Offset Investment (\$)	\$24,950

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and the 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 2023 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 2023:

- 1) Cleaning and maintenance of HVAC systems to ensure efficient operation.
- 2) DDC upgrades and added features to control heating and cooling for reduced energy consumption.
- 3) On going HVAC replacements for reduced energy consumption.
- 4) Reduced vehicle usage with staff sharing cars and schools filling a bus for trips with multiple schools or classes.
- 5) Boiler repairs and upgrades for reduced energy consumption.
- 6) Continuing our florescent lighting replacement at all schools with LED lighting.

2B. Other Sustainability Initiatives

- 1) All staff are encouraged to travel together when possible, in district supplied vehicles.
- 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 a couple success stories for 2023, these 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 units that were aging and failing. The new units are energy efficient and reduce maintenance and operating costs.

Executive Sign-off:

 _____
Signature Date

Stephen McNiven _____
Name (please print) Title

May 14, 2024

Superintendent