

COAST MOUNTAINS BOARD OF EDUCATION SCHOOL DISTRICT 82 2022 PSO CLIMATE CHANGE ACCOUNTABILITY REPORT

Title: 2022 PSO Climate Change Accountability Report

Organization: Coast Mountains Board of Education School District 82

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

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

The Coast Mountains Board of Education School District 82 focuses on emissions reductions through maximizing efficiencies of all systems and prioritizing capital projects that reduce emissions by electrification or increased efficiency. Projects completed in 2022 include:

- *Replaced all classroom heating systems at one school with electric unit ventilators with air/air heat pumps.*
- *Installed energy efficient domestic hot water system upgrades at one school.*
- *Installed additional insulation on roofing projects at 2 schools.*
- *Continued DDC system enhancements to improve energy efficiency.*
- *LED Lighting installation for a school gym.*
- *Energy monitoring software improvements.*
- *Prioritize emission reduction capital projects in capital planning.*
- *Continue to work with other Provincial agencies on potential geothermal district energy project integrating 2 schools, 2 provincial buildings and municipal recreation centre.*
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B. Mobile Sources (e.g. fleet vehicles, off-road/portable equipment)

- *Prioritize EV integration into mobile fleet and bussing.*
- *Supporting Student Transportation Contractor in funding applications to provide electric bussing for all urban routes in Terrace Area.*
- *Using virtual meeting means whenever feasible to reduce unnecessary travel.*

C. Paper Consumption

Coast Mountains School District reduces paper usage, when possible, by using electronic documents and printing on both sides of the paper when possible. Coast Mountains School District intends to purchase the most cost-effective recycled content paper when possible.

2022 GHG Emissions and Offsets Summary Table

Coast Mountains Board of Education School District 82- 2022 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2022 <i>[See Appendix 1 for instructions on how to access your 2022 emissions data from CGRT. Cells A and B below are identified in Figure 1; cells C and D are identified in Figure 2.]</i>	
Total BioCO ₂	Cell A 11.2
Total Emissions (tCO ₂ e)	Cell B 2288
Total Offsets (tCO ₂ e)	Cell C 2260
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	Cell D 11.9
Grand Total Offsets for the 2022 Reporting Year	
Grand Total Offsets to be Retired for 2022 Reporting Year (tCO ₂ e) <i>[must round to a whole number (no decimal places)]</i>	Cell C + Cell D 2272
Offset Investment (\$) <i>[Grand Total Offsets to be Retired for 2022 Reporting Year x \$25 per tCO₂e]</i>	(Cell C + Cell D 2272) x \$25 = \$56800.00

- [Note, BioCO₂ is included in Total Emissions but not Total Offsets. For K-12 and Post-Secondary organizations, and BC Transit, Total Offsets might not equal Total Emissions minus Total BioCO₂ because offset exempt emissions for buses are included within Total Emissions.]*
- Emissions and offset investment amounts will be validated by CAS prior to distributing invoices.*
- You must round "Grand Total Offsets to be Retired" to a whole number (no decimal places) before multiplying by \$25 (e.g., 43.2 is rounded to 43, while 43.5 is rounded 44).]*

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, **Coast Mountains Board of Education School District 82 (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

2A. Climate Risk Management

- 1) Consideration given to building cooling in HVAC systems due to increased heatwaves during school year.
- 2) Participate in Provincial information session on all flood and wildfire forecasts and situation.
- 3) Review and analyze flood mapping information to determine any changes in risk to facilities.

2B. Other Sustainability Initiatives

- 1) Carpool whenever possible
- 2) Every facility we operate has a recycling and compost program in effect. Materials not able to go into our regular recycling program are recycled at appropriate facilities in our region, including batteries.
- 3) Use virtual meeting means whenever feasible to reduce unnecessary travel.

2C. Success Stories

Executive Sign-off:


Signature

May 16, 2023
Date

Ginger Fuller
Name (please print)

Secretary Treasurer
Title