

2021

Public Sector Organization

Climate Change Accountability Report



DECLARATION

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

In 2021, Saanich Schools contracted a consultant to complete an Energy Sustainability Plan, with a stated goal to “identify the required work to reduce the school district’s environmental footprint and energy consumption ... and to meet the CleanBC 2030 emission targets.” The scope of the Plan included buildings, vehicles, and paper.

BUILDINGS

With an eye toward District-wide building electrification, Saanich Schools engaged a mechanical engineering firm to complete detailed mechanical assessments across its portfolio of buildings. A roadmap to Saanich Schools 2030 target achievement has been drafted – with the next step to secure sufficient funding to complete the work. Funding is presently being sought through the Low Carbon Economy Fund to accelerate SD63’s electrification timelines.

In the past year, a heating plant replacement and building automation system upgrade was completed at Bayside Middle School. In 2022, Deep Cove Elementary will have Phase 1 of a mechanical upgrade completed. Building optimization through BC Hydro’s Continuous Optimization program will also be completed at 7 schools.

FLEET

Saanich is making positive steps in electrifying its transportation fleet. In 2021, the Maintenance Building had its electrical service upgraded to accommodate future electric vehicle charging. SD63’s first 2 Type D electric busses have been approved for 2022, with plans to replace 2 diesel buses per year for the next 8 years. A full design for EV charging will be completed in 2022, with the first 2 chargers being installed.

PAPER

At the conclusion of preparing the Energy Sustainability Plan, a presentation was made to the Board of Trustees, identifying recommended actions to improve its GHG emissions pertaining to paper consumption. Purchasing policies have now been updated to mandate purchasing of “sugar sheet”, made from 100% post-industrial waste.

SUMMARY TABLE

Saanich Schools 2021 GHG Emissions and Offsets Summary

GHG Emissions created in Calendar Year 2021

Total Emissions (tCO ₂ e)	2,116
Total BioCO ₂	21
Total Offsets (tCO ₂ e)	1,720

Adjustments to GHG Emissions Reported in Prior Years

Total Offsets Adjustment (tCO ₂ e)	0
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Grand Total Offsets for the 2021 Reporting Year

Grand Total Offsets (tCO ₂ e)	1,720
to be Retired for 2021 Reporting Year	
Offset Investment (\$25 per tCO ₂ e)	\$43,012

RETIREMENT OF OFFSETS

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, SD63 Saanich Schools (**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.

EXECUTIVE SIGN-OFF


Signature

Ron McKenzie
Name (Please print)

May 30, 2022
Date

Assistant Superintendent
Title