

2022

Public Sector Organization

Climate Change Accountability Report



DECLARATION

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 reduce our GHG emissions, and our plans to continue reducing emissions in 2023 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 in 2021. A roadmap to Saanich Schools 2030 target achievement has been drafted – with the next step to secure sufficient funding to complete the work.

In the past year, Phase 1 of a mechanical upgrade at Deep Cove Elementary, switching to a heat pump system, was completed. Building optimization through BC Hydro’s Continuous Optimization program was initiated and is ongoing throughout 2023 at 7 schools.

2023 will see the completion of Phase 2 of the electrification at Deep Cove Elementary, and a replacement of an existing Heat Pump at Brentwood Elementary.

FLEET

Saanich is making positive steps in electrifying its transportation fleet. In 2022, the Maintenance Building had its electrical service upgraded to accommodate future electric vehicle charging. A full design for EV charging was completed in 2023, and SD63’s first 2 Type D electric buses will arrive in 2023. Another ZEB is expected in 2024, and 2 more will follow in 2025. Ultimately, the District hopes to replace 16 diesel buses with electric over the next 8 years.

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

SD63 2022 GHG Emissions and Offsets Summary

GHG emissions for the period January 1 - December 31, 2022

Total BioCO ₂	20
Total Emissions (tCO ₂ e)	2,323
Total Offsets (tCO ₂ e)	1,941

Adjustments to Offset Required GHG Emissions Reported in Prior Years

Total Offsets Adjustment (tCO ₂ e)	20
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Grand Total Offsets for the 2022 Reporting Year

Grand Total Offsets to be Retired for 2022 Reporting Year (tCO ₂ e)	1,961
Offset Investment (\$25 per tCO ₂ e)	\$ 49,019

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 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.

EXECUTIVE SIGN-OFF


Signature

Paul McKenzie
Name (Please print)

May 24/23
Date

Assistant Superintendent
Title