



2021 PSO CLIMATE CHANGE ACCOUNTABILITY REPORT SCHOOL DISTRICT NO. 52 (PRINCE RUPERT)

PART 1. Legislative Reporting Requirements

DECLARATION STATEMENT

This PSO Climate Change Accountability Report for the period January 1, 2021 to December 31, 2021 summarizes the greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions taken in 2021 to reduce greenhouse gas emissions and plans to continue reducing emissions in 2021 and beyond for School District No. 52 (Prince Rupert).

By June 30, 2020 the final Carbon Neutral Action Report for School District No. 52 (Prince Rupert) will be posted to the district website at www.rupertschools.ca.

EXECUTIVE SUMMARY

School District No. 52 is a district of approximately 1,800 students. In 2021 the district educated its students in five elementary schools, one middle school, one secondary school, one Indigenous village school and one distributed learning storefront school. The district is supported by a maintenance building, an Indigenous education administration building and a board office. Six Prince Rupert trustees and one rural trustee represent the communities of School District No. 52. Of its 13 sites, 10 are owned (1 of these is currently closed), 1 is band owned and 2 are leased. The average age of the owned buildings is over 40 years.

With limited funding and aging facilities, the District looks to carbon neutral projects that deliver savings directly or indirectly by reducing maintenance costs for its facilities and vehicles. In the last five years the district has completed a number of energy efficiency upgrades.

OVERVIEW

ACTIONS TAKEN TO REDUCE GREENHOUSE GAS EMISSIONS IN 2021

School District No. 52 completed the demolition of two closed schools. Lighting systems were changed to LED fixtures across the district. Heating controls were upgraded at one school, and the boiler was replaced with a more efficient boiler at another school. School District No. 52's efforts are aimed at retrofitting aging buildings with higher efficiency equipment and consideration of replacement or closure of buildings. The district is looking to take advantage of fossil fuel reduction projects like HVAC system upgrades, including boilers – particularly where there is sharing of project funding, a reasonable payback period or straight savings to the district.

PLANS TO CONTINUE REDUCING GREENHOUSE GAS EMISSIONS IN 2021

Additional energy efficiency projects are underway in two schools. Replacement equipment was purchased in 2021, which will be installed in 2022. Work is underway towards the eventual replacement of the middle school. Studies are underway for future energy improvements.

Emissions and Offsets Summary

School District No. 52 (Prince Rupert) GHG Emissions and Offsets for 2020 (TCO2E)	
GHG Emissions created in calendar year 2021):	
Total Emissions (tCO ₂ e)	765
Total BioCO ₂	2
Total Offsets (tCO ₂ e)	767
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	46
Grand Total Offsets for the 2021 Reporting Year:	
Grand Total Offsets Required (tCO ₂ e)	813
Offset Investment (\$25 per tCO ₂ e)	\$20,325

RETIREMENT OF OFFSETS

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 52 (Prince Rupert) (**the District**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2021 calendar year, together with adjustments reported for past calendar years. The District hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) ensuring that these offsets are retired on the District's behalf, the District 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 Leadership

CLIMATE RISK MANAGEMENT

School District No. 52 (Prince Rupert) considers the climate risk from impacts such as heat wave, drought, wildfire or flood to be low.

OTHER SUSTAINABILITY INITIATIVES

The increased use of on-line meeting platforms has reduced travel both with the district, and beyond the district.

Material collected for recycling has expanded from paper to include cardboard and plastics.

SUCCESS STORIES

The conversion to LED lights across the district has resulted in immediate cost savings and reduced energy use.

EXECUTIVE SIGN-OFF

A handwritten signature in black ink, appearing to read "Cam McIntyre", is written over a horizontal line.

Signature

May 20, 2022

Date

Cam McIntyre, CPA, CA

Secretary-Treasurer

Name (please print)

Title