

2021 PUBLIC SECTOR ORGANIZATION (PSO) CLIMATE CHANGE ACCOUNTABILITY REPORT (CCAR)

Title: 2021 PSO Climate Change Accountability Report

Organization: School District No.53 Okanagan Similkameen

PART 1. Legislative Reporting Requirements

Declaration statement: 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

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

2021 was a challenging year with every effort being made to keep our schools open and compliant with COVID restrictions. Supply chain issues, and staffing were our primary concerns yet despite these restrictions, we were able to complete a ventilation upgrade in our bus garage, washroom upgrades in our elementary School Tuc El Nuit, and an interior LED lighting upgrade at our Southern Okanagan Secondary School.

We are particularly excited about the start of the Osoyoos Secondary Geothermal upgrade. This upgrade, upon completion in 2022, is estimated to provide a reduction of 95 tonnes of CO2 emissions.

B. Mobile Sources (e.g. fleet vehicles, off-road/portable equipment)

During 2021 we took a serious look at our existing infrastructure to see if we could support an electric bus fleet. Regrettably we do not have 3 phase power at our existing transportation facilities. This will require a major electrical upgrade for our 2 sites before we can entertain electrification of the fleet.

Investigation was initiated to find out viability and cost impact to move forward.

C. Paper Consumption

We currently provide 30% recycled content for all copier paper. Existing printers are defaulted to Save to files rather than print. Electronic transfer of files with current software packages, allows up the ability to transfer rather than print files for other parties.

2021 GHG Emissions and Offsets Summary Table:

School District No.53 Okanagan Similkameen 2021 GHG Emissions and Offsets Summary	
GHG Emissions created in Calendar Year 2021	
Total Emissions (tCO ₂ e)	1234
Total BioCO ₂	13.20
Total Offsets (tCO ₂ e)	951
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2021 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2021 Reporting Year	951
Offset Investment (\$25 per tCO ₂ e)	\$23,775.00

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 53 Okanagan Similkameen (**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.

PART 2. Public Sector Leadership

2A. Climate Risk Management

This District acknowledge and has felt the impact of climate change. Increase forest fires, overflowing rivers and extreme temperatures have alerted us to the need for emission reduction.

While our students and staff in our schools have not yet been negatively impacted, we are conscious of the need to improve the emergency preparedness protocols in place. Our locations have, in the past, become locations for those fighting the fires and supporting higher ground for emergency vehicles impacted by floodwaters.

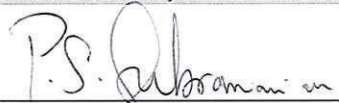
In progress is the upgrading the very old irrigation systems helps to protect the area against fire while also reducing the building temperature. Where possible, grey water is utilized for this function.

2C. Success Stories

The district is particularly excited about it's second, Geothermal project at our Osoyoos High School. This is the second of three that are planned and has the capacity to reduce emissions by an additional 95 tonnes.

Executive Sign-off:

[All PSOs, including Small Emitters, must have their final report signed by a senior official, such as CEO, COO or Superintendent]

 Signature	19 MAY 2022 Date
SUBRA PALIAPPA Name (please print)	SECRETARY TREASURER Title

[Please email your signed, completed report to Carbon.Neutral@gov.bc.ca by no later than May 31, 2022.]