



2020 PSO Climate Change Accountability Report

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Contents

Contents..... 1

Declaration Statement..... 2

Overview 2

Emissions and Offsets Summary Table 3

Retirement of Offsets 3

Declaration Statement

This Climate Change Accountability Report (CCAR) for the period January 1, 2020 to December 31, 2020 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2020 to reduce our greenhouse gas emissions (GHGs) and our plans to continue reducing emissions in 2021 and beyond.

Overview

On behalf of School District No. 35 (Langley), we are pleased to submit our CCAR for 2020. The purpose of the CCAR is to demonstrate our District's ongoing commitment to the reduction of our GHGs. Our Board continues to work diligently to improve the learning environment for students and staff while reducing our carbon footprint.

In 2020, we retrofitted all interior lights at Walnut Grove Secondary School and the gym lights D.W. Poppy Secondary to LED lights. While managing the increased demands of ventilation at our schools and buildings, we were able to reduce our electrical and natural gas consumption by 21% and 12% respectively.

In 2021, we plan to upgrade interior lighting at the Maintenance Facility, two middle schools and 3 elementary schools. Boilers at Noel Booth Elementary will be replaced with high efficiency boilers to reduce natural gas consumption. Two roof top ventilation units with heat pump technology will be installed which will reduce carbon emissions by using less natural gas. This year the new Donna Gabriel Robins Elementary will open and is designed to have high energy efficiency and low carbon emissions. Finally, we are hopeful this will be the year we introduce electric vehicles into our fleet as options for both vans and buses become available.

Looking at the years ahead we will continue to look at options for implementing electric vehicles to reduce our carbon emissions. In addition, we will continue to explore replacing old inefficient boilers with new low carbon technologies to meet our goal of 50% GHG emissions reductions by 2030.



Gord Stewart
Superintendent of Schools

May 28, 2021

Emissions and Offsets Summary Table

School District No.35 (Langley) 2020 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2020	
Total Emissions (tCO ₂ e)	5,276
Total BioCO ₂	18.1
Total Offsets (tCO ₂ e)	5090
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	-30
Grand Total Offsets for the 2020 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2020 Reporting Year	5060
Offset Investment (\$25 per tCO ₂ e)	\$126,500

Retirement of Offsets

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 35 (Langley) (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2020 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.