

2019 Carbon Neutral Action Report

Organization name: School District No. 69 (Qualicum)

This Carbon Neutral Action Report for the period January 1st, 2019 to December 31st, 2019 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2019 to reduce our greenhouse gas emissions and our plan to continue reducing emissions in 2020 and beyond.

By June 30, 2020 School District No. 69 (Qualicum)'s final CNAR will be posted to our website at www.sd69.bc.ca

Executive Summary:

The district concluded the creation of a Board wide Strategic Plan in 2019. This plan included the following items which are applicable to emission reduction:

- Under Values: "Social responsibility and environmental sustainability" and "Innovation as a means of ensuring that we respond and adapt to a changing world and new understandings".
- As a Guiding Principle: "Stewardship of the public investment in education in our community is crucial. This requires an unwavering commitment to fiscal responsibility and allocation of resources based on identified needs and strategic priorities." We see this guiding principle as including environmental stewardship as part of fiscal responsibility.

Energy conservation is part of our ongoing work. Efforts to conserve energy are included throughout our 5 year Capital Plan and our Annual Facility Grant projects. In 2019, the district completed the following projects which will directly reduce carbon emissions:

- The district continues to evaluate every bus replacement in the context of carbon footprint, so with that in mind, we intend to purchase an electric bus in the 2020 capital plan. We also continue to review the size of buses required to conserve energy.
- During summer 2019 the District constructed a Photovoltaic (PV) array placement on the roof of Nanoose Bay Elementary. This is the fourth solar power initiative that continues to help reduce our use of diesel and natural gas and take advantage of this alternate energy source.
- There were 2 Tesla battery backup systems installed at Bowser and Nanoose Bay Elementary schools. These systems allow schools to stay open in the event of power loss in the area.

Energy conservation continues to be a goal for the district. Our Operations and Maintenance department has completed several projects that have implemented controls for heat and lights, retrofits for lighting and replacing plumbing fixtures with low flow units. Operations has also installed water meters for Ballenas and Kwalikum fields to monitor the water usage to reduce the need, particularly in summer. These are all part of the annual operations and capital project based work when Ministry funding permits.

Recognizing their role as an agent of educational change, the School Board created a Climate Emergency Task Force in 2019. This group includes membership from all educational partners including students, staff and administration. Its mandate is to promote action to decrease greenhouse emissions, help develop plans to educate our learning community and advocate for progressive policy solutions.

Emissions and Offsets:

On March 31, 2020, the Ministry issued the following directive,

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“...that all ministries and Public Sector Organizations covered by the Carbon Neutral Government requirement shall use their 2018 GHG emissions as a temporary estimate for their actual 2019 GHG emissions, for the purposes of the 2019 Carbon Neutral Action Reports and 2019 Carbon Neutral Government reporting required under the Climate Change Accountability Act.”

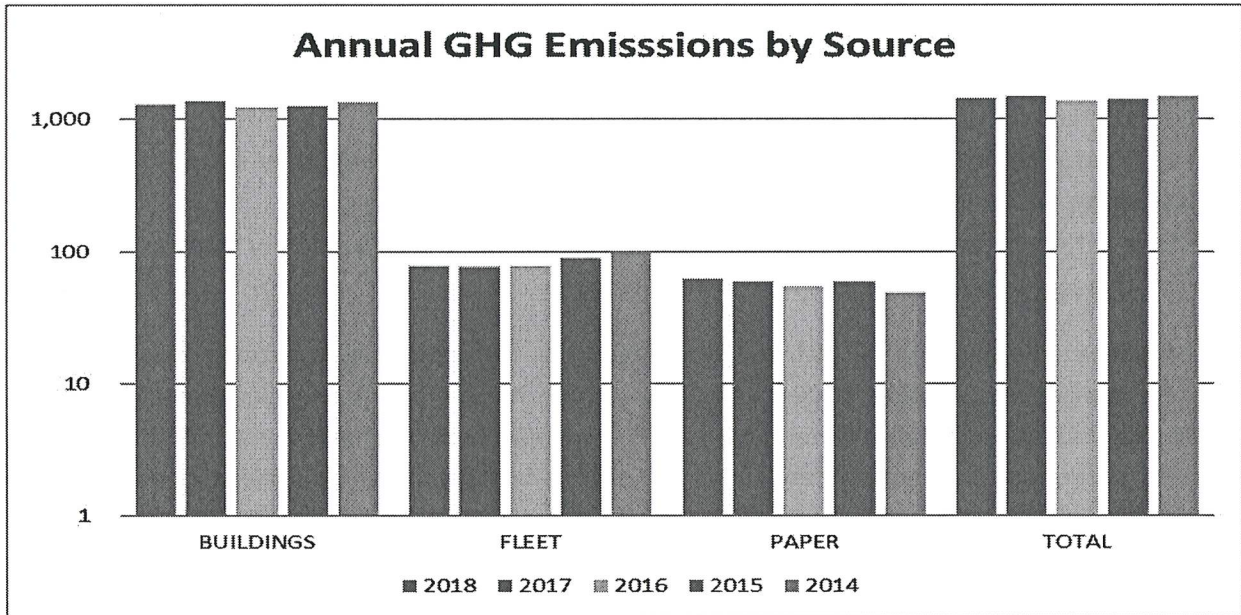
As a result of this directive, the following summary shows the reporting for 2018, and will be updated with the 2019 numbers for the 2020 CNAR reporting.

School District No. 69 (Qualicum) Emissions and Offsets (tCO₂e)

GHG Emissions created in calendar year:	2018	2017	2016	2015	2014
Total Emissions	1,945	2,000	1,850	1,876	1,953
Net change	-2.8%	8.1%	-1.4%	-3.9%	
Total Offsets for the Reporting Year	1,442	1,502	1,376	1,403	1,487
Prior Year Adjustments (tCO ₂ e)	-				
Net 2018 Offset Requirements (tCO ₂ e)	1,442				

Summary:

For 2019, and based on the 2018 reporting, the School District No.69 (Qualicum) paid \$36,050 to purchase offset credits. The District maintains a bus fleet for which offsets were not purchased. As required by section 5 of the Carbon Neutral Government Regulation, 580.80 tCO₂e of emissions resulting from the operation of school buses were reported as part of our greenhouse gas emissions for 2018. However, they were not offset as they are out of scope under section 4(2)(c) of the Carbon Neutral Government Regulation.



RK
Signature

MAY 29, 2020
Date

RON AMOS
Name (please print)

SECRETARY TREASURER
Title