

2018 Carbon Neutral Action Report

Organization name: School District No. 69 (Qualicum)

This Carbon Neutral Action Report for the period January 1st, 2018 to December 31st, 2018 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2018 to reduce our greenhouse gas emissions and our plan to continue reducing emissions in 2019 and beyond.

By June 30, 2019 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 2018, the district completed the following projects which will directly reduce carbon emissions:

- The district plans to continue evaluating every bus replacement and consider whether to purchase propane over diesel buses. We also continue to review the size of buses required in order to conserve energy.
- During the summer of 2018 the District did a replacement of the boiler at Springwood Elementary.
- During summer 2018 the District constructed a Photovoltaic (PV) array placement on the roof of Oceanside Elementary. This is the third of several planned solar power initiatives that continues to help reduce our use of diesel and natural gas and take advantage of this alternate energy source.
- The district is continuing to make significant improvements to False Bay Elementary, one of our isolated sites, by finding ways to use less energy and alternate energy. We continue to work with local groups to investigate alternative energy solutions which may further reduce or eliminate the use of a diesel generator in the future.

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. These are all part of the day to day operations as well as project based when Ministry funding permits.

Emissions and Offsets:

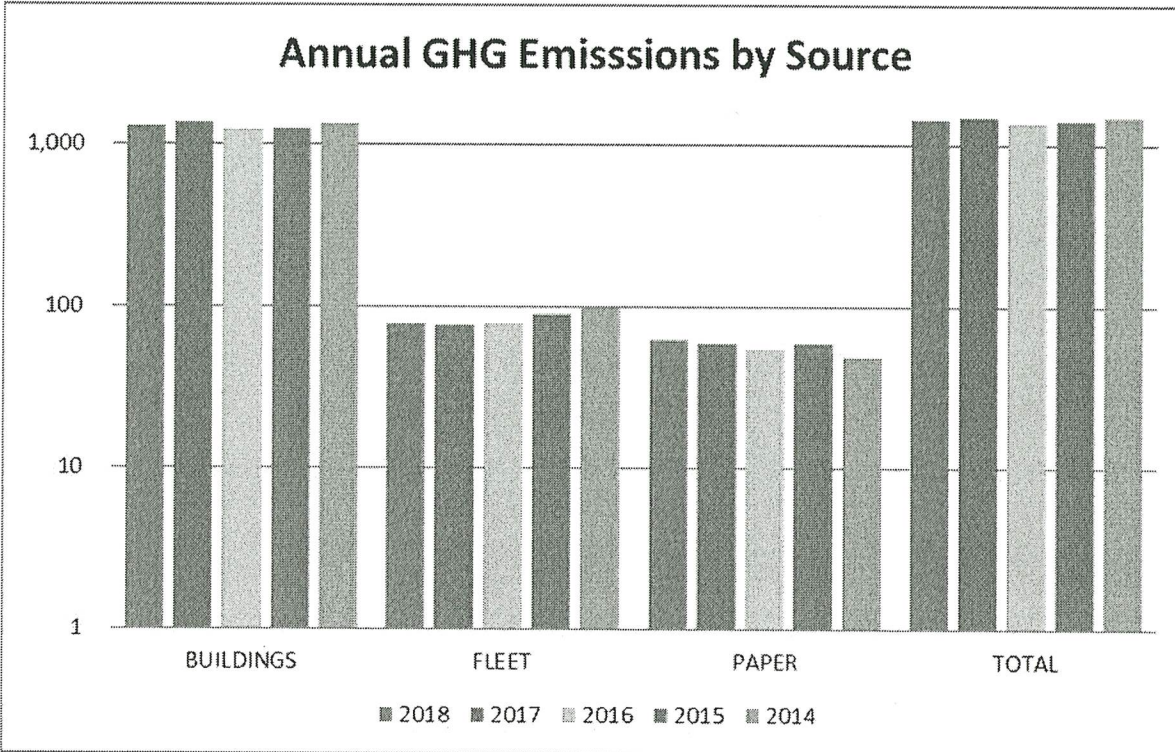
School District No. 69 (Qualicum) Emissions and Offsets (tCO₂e)

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				

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Summary:

For 2018, 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.



MAY 15, 2019

Signature

Date

RON AMOS

SECRETARY TREASURER

Name (please print)

Title