

SCHOOL DISTRICT NO. 69 (Qualicum)
2017 Carbon Neutral Action Report

This is the 2017 Carbon Neutral Action Report for School District No. 69 (Qualicum). This report contains our 2017 emissions profile, offsets purchased, the actions we have taken in 2017 to reduce our GHG emissions and our plan to continue reducing emissions in 2018 and beyond.

By June 30 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 2013. 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.

In 2014 the district concluded with a Framework for Action which included specific items the district embarked upon to meet the goals of the strategic plan.

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 2017, 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.
- Engineering studies for a boiler replacement was performed on one site, with the plan of replacing the unit in the summer of 2018.
- During summer 2017 the District constructed a Photovoltaic (PV) array placement on the roof of Kwalikum Secondary. This is another of several solar power initiatives that will 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.

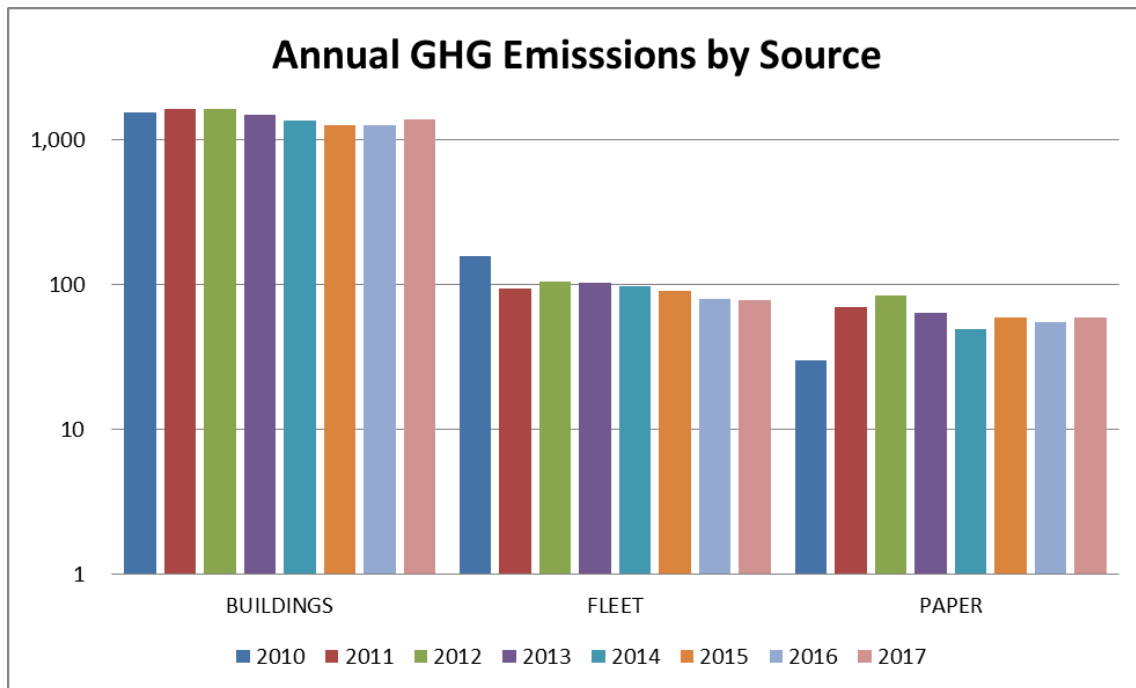
Energy conservation continues to be a goal for the district. Our Operations and Maintenance department has completed several projects that have implemented controls for heat and lights, retrofits for lighting and replacing plumbing fixtures with low flow units. These are all part of the day to day operations as well as project based when Ministry funding permits.

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Emissions and Offsets Summary:

School District No. 69 (Qualicum) Emissions and Offsets (tCO₂e)				
GHG Emissions created in calendar year:	2017	2016	2015	2014
Total Emissions	2,000	1,850	1,876	1,953
Total Offsets for the Reporting Year	1,502	1,376	1,403	1,487
Prior Year Adjustments (tCO ₂ e)	-			
Net 2017 Offset Requirements (tCO ₂ e)	1,502			

In 2017, School District No.69 (Qualicum) paid \$34,950 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, 574.92 tCO₂e of emissions resulting from the operation of school buses were reported as part of our greenhouse gas emissions for 2017. However, they were not offset as they are out of scope under section 4(2)(c) of the Carbon Neutral Government Regulation.



Original signed copy on file

MAY 15, 2018

Signature

Date

ROLLIE KOOP

SUPERINTENDENT OF SCHOOLS

Name (please print)

Title

Attached: Charts of GHG Emissions by Source