



2016 Carbon Neutral Action Report

School District #74 Gold Trail

Declaration Statement:

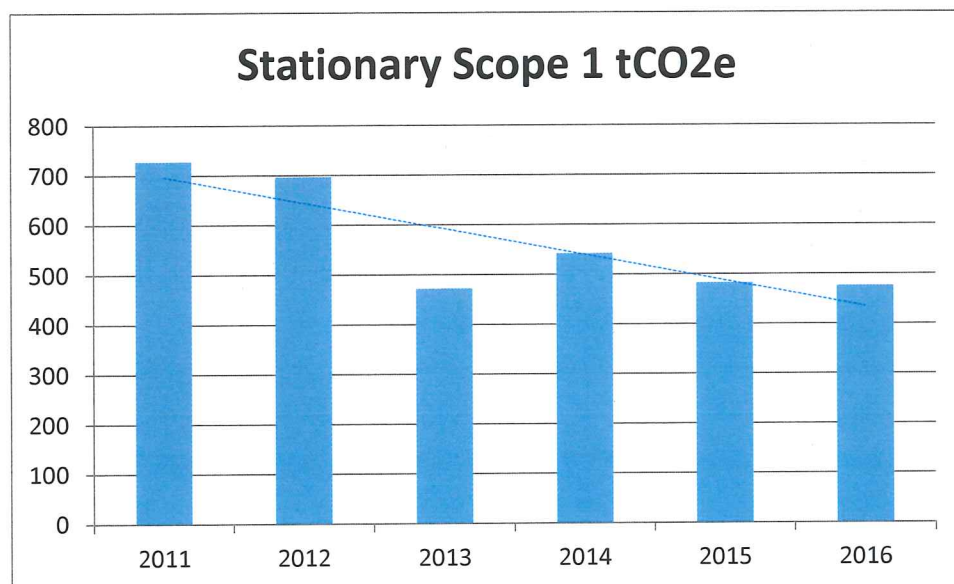
The Carbon Neutral Action Report for the period of January 1st to December 31st, 2016 summarizes our emissions profile, the amount of offsets purchased to reach net zero emissions, the actions we have taken in 2016 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2017 and beyond.

By June 30th 2017, School District #74's final Carbon Neutral Action Report will be posted to our website at www.sd74.bc.ca

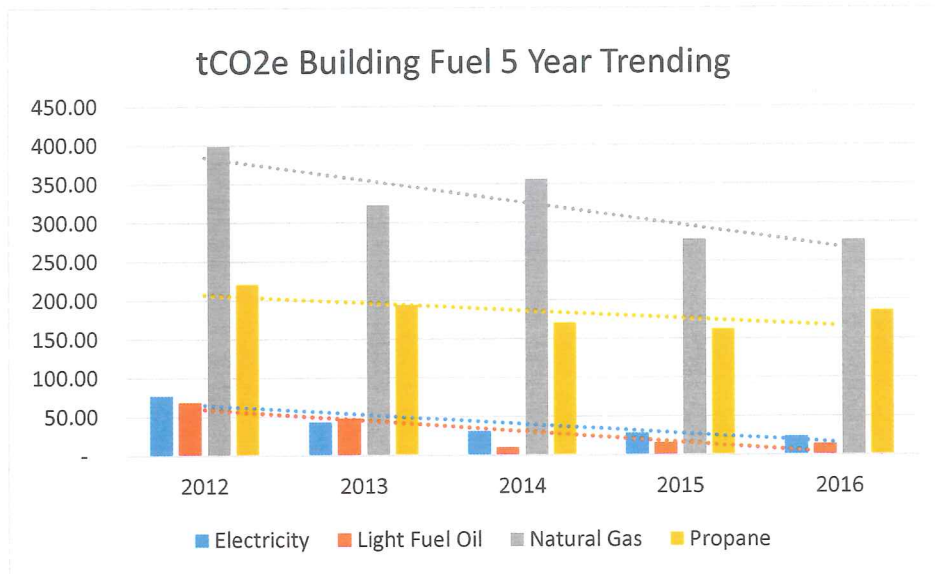
Overview:

School District #74 is consistently reaching for emission reductions through efficiencies within our organization. This past year we have again shown a reduction of our stationary Scope 1 tCO₂e emissions by 35% since 2011.

There have been reductions found through exterior lighting upgrade to LED, change out of an end of life cycle a/c unit but the most significant impact was from the controls upgrade.



We were able to reduce again in all but one category, propane, but considering the severe winter conditions that we had, it is considered a successful year.



Looking forward and based on our past 5 year trending, it is anticipated that we will encounter even more success in emission reductions.

Emissions and Offsets Summary Table:

<i>School District #74 GHG Emissions and Offsets for 2016 (TCO₂E)</i>	
GHG Emissions created in Calendar Year 2016	
Total Emissions (TCO ₂ E)	1079
Total Offsets (TCO ₂ E)	642
Adjustments to GHG Emissions Reported in Prior Years	
Total Emissions (TCO ₂ E)	1
Total Offsets (TCO ₂ E)	1
Total Emissions for Offset for the 2014 Reporting Year	
Total Offsets (TCO ₂ E)	643

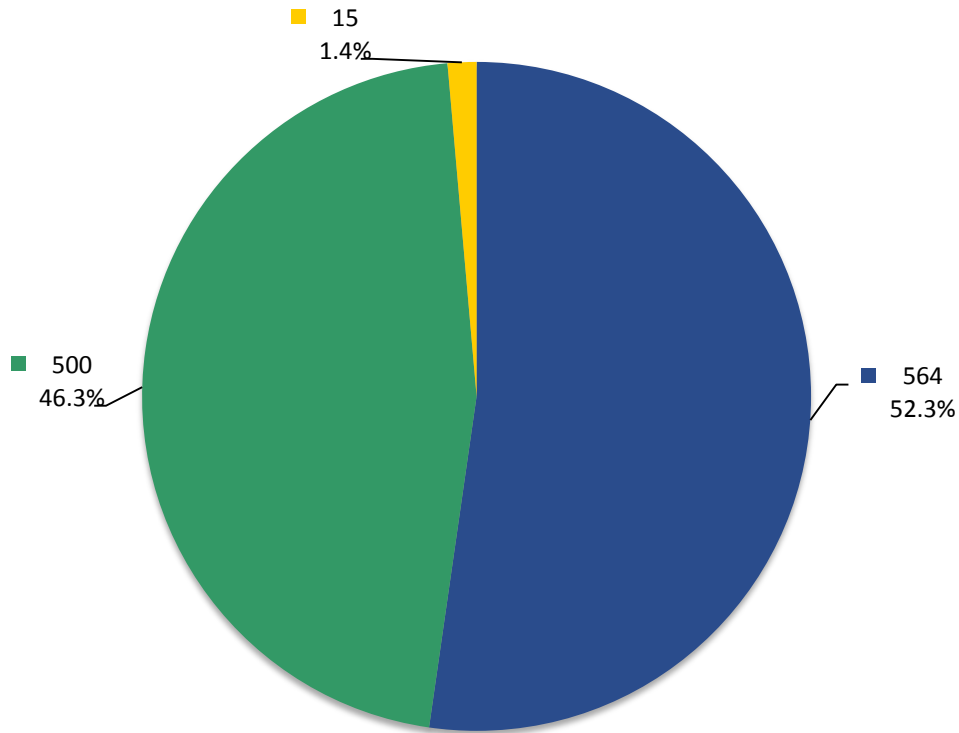
Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District #74 (Gold Trail) is responsible for arranging for the retirement of the offsets obligation reported above for the 2016 calendar year, together with any adjustments reported for past calendar years. The Organization hereby agrees that, in exchange for the Ministry of Environment ensuring that these offsets are retired on the Organization's behalf, the Organization will pay 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.

Executive sign-off:

Signature		Date	June 9, 2017
Name (please print)	Lynda Minnabarriet	Title	Secretary Treasurer.

**School District 74 - Gold Trail
Greenhouse Gas Emissions by Source
for the 2016 Calendar Year (tCO₂e*)**



Total Emissions: 1,079

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion (Building Heating and Generators) and Electricity
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2016 (Generated May 15, 2017 3:45 PM)

Total offsets required: **642**. Total offset investment: **\$16,050**. Emissions which do not require offsets: **437** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.

2016 Carbon Neutral Action Report Survey

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Part One (external)

Contact Name(s):

Deb Sansome

Organization Name:

School District #74 Gold Trail

Please select your sector:

- School District

1) Stationary Sources (Buildings, Power Generators): Fuel Combustion, Electricity use, Fugitive Emissions.

During 2016, did your organization take any of the following actions to support emissions reductions from buildings?

Select all that apply

- Other actions? Please describe briefly.: engaged a shared service energy manager

Briefly describe your organization's plans to continue reducing emissions from its stationary sources in future years.

Shared Service opportunity was announced and SD74 put their bid in to be one of the recipients. We along with 4 other districts have been provided with an energy manager to assist us in finding efficiencies within our organization in the years to come.

During 2016, did your organization participate in utility-sponsored energy demand management program(s) (e.g. BC Hydro's Energy Management (Manager))?

Yes

If yes, please describe briefly:

See above

2) Mobile Sources (Vehicles, Off-road/Portable Equipment): Fuel Combustion.

During 2016, did your organization take any of the following actions to support emission reductions from its mobile sources?

Select all that apply

- Replaced existing vehicles with more fuel efficient vehicles (gas/diesel).: If yes, how many vehicles? 4 new buses and 1 new white fleet truck
-

Briefly describe your organization's plans to continue reducing emissions from its mobile sources in future years.

As our bus and white fleet age out we look for fuel economy in the replacement vehicle. We are not yet equipped to appropriately utilize electric vehicles due to distances and terrain but work to do what we can.

3) Supplies (Paper):

During 2016, did your organization take any of the following actions to support emissions reductions from paper supplies?

Select all that apply

-
- Other actions? Please describe briefly.: we work to become paperless.
-

Briefly describe your organization's plans to continue reducing emissions associated with its office paper use in future years.

Printers are set to double sided copy and where possible default to electronic version.

4) Other Sustainability Actions:

Business Travel:

During 2016, did your organization take any of the following actions to support emissions reductions from business travel?

Select all that apply

-
- Other, please describe briefly: when and where possible we do web based training and conferencing
-

Education Awareness:

During 2016, did your organization have any of the following programs or initiatives to support sustainability education and awareness?

Select all that apply

(No response)

Other Sustainability Actions:

During 2016, did your organization have any of the following programs or initiatives to support sustainability?

Select all that apply

-
- Lifecycle costing of new construction or renovations
-