

2016 CARBON NEUTRAL ACTION REPORT

Organization name: School District 22

Declaration statement: This Carbon Neutral Action Report for the period January 1st, 2016 to December 31st, 2016 summarizes our emissions profile, the total offsets 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.

Overview:

Our District actively promotes anti-idling, recycling, composting and waste-reduction programs at our schools and sites. We continue to retrofit our fleet and buildings with Green technology as available including the use of: light sensors, automatic timers, CO₂ sensors and energy management systems. We routinely incorporate green decision making into purchasing and buy energy star rated appliances and recycled paper and other products where feasible. We promote carpooling among staff and provide Pro-D and on the job training that incorporates energy conservation such as the Smart Driver Training Program.

Energy efficiency is a strong consideration for new construction and renovations, including the use of geo-thermal heating.

Emissions and Offset Summary Table:

School District 22 (Vernon) GHG Emissions and Offset for 2016 (tCO ₂ e)	
GHG Emissions created in Calendar Year 2016:	
Total Emissions (tCO ₂ e)	2,843
Total Offsets (tCO ₂ e)	2,228
Adjustments to GHG Emissions Reported in Prior Years:	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2016 Reporting Year	
Grand Total Offsets (tCO ₂ e)	2,228

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District 22 (Vernon) (**the Organization**) 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 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.

Executive sign-off:



May 29, 2017

Signature

Date

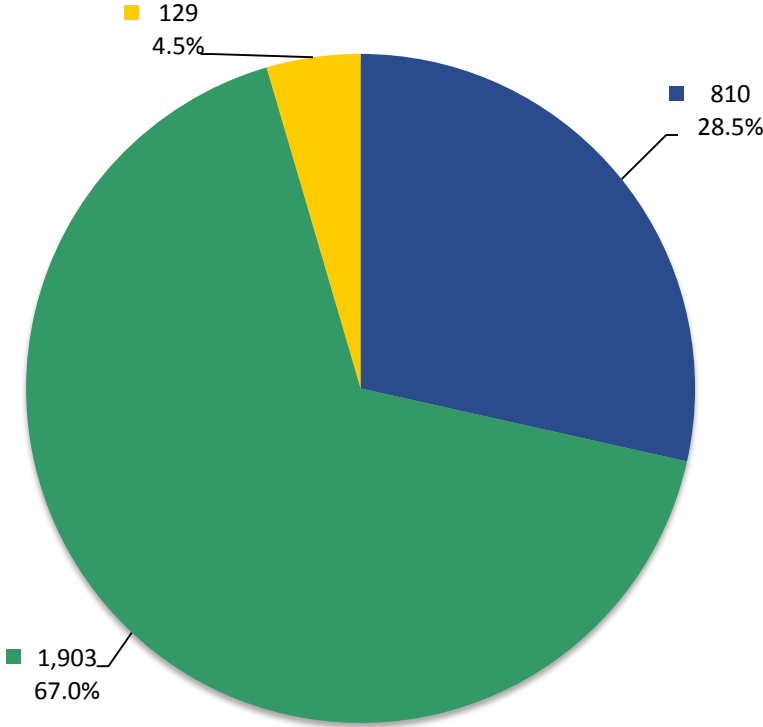
Adrian Johnson

Assistant Secretary-Treasurer

Name (please print)

Title

**School District 22 - Vernon
Greenhouse Gas Emissions by Source
for the 2016 Calendar Year (tCO₂e*)**



Total Emissions: 2,843

- 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 4:15 PM)

Total offsets required: **2,228**. Total offset investment: **\$55,700**. Emissions which do not require offsets: **614** **

*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):

Adrian Johnson

Organization Name:

School District 22

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

- Performed energy retrofits of the organization's buildings.: 1

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

We continue to retrofit our fleet and buildings with Green technology as available including the use of: light sensors, automatic timers, Co2 sensors and energy management systems. We routinely incorporate green decision making into purchasing and buy energy star rated appliances and recycled paper and other products where feasible. Energy efficiency is a strong consideration for new construction and renovations, including the use of geo-thermal heating.

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

No

If yes, please describe briefly:

(No response)

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).: 3
-

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

Continue to refine bus routes to ensure they are efficient, including the adoption of new routing software. Continue to consider energy efficiency in our new vehicle purchasing decisions.

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

(No response)

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

Taking steps to move to paperless storage systems, including the purchase of desktop scanners. Increasing awareness of photocopying volumes by communicating to sites the number of copies made, not just the associated cost.

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

(No response)

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

-
- A water conservation strategy which may include a plan or policy for replacing water fixtures with efficient models
 - An operations policy or program to facilitate the reduction and diversion of building occupant waste (e.g., composting, collection of plastics, batteries) from landfills or incineration facilities