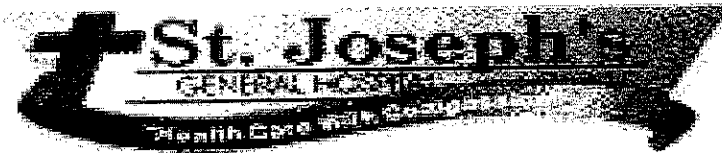


“2016 Carbon Neutral Action Report”



Saint Joseph's General Hospital – Comox BC

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.

By June 30, 2017 Saint Joseph's General Hospital's (SJGH) final *Carbon Neutral Action Report* will be posted to our website at www.sjghcomox.ca.

Overview:

Saint Joseph's General Hospital:

- 2016: The acute care areas of SJGH will close in October 2017; therefore no new energy initiatives were undertaken in 2016.
- 2016: SJGH engaged a consultant to audit the required energy use in the areas which will be decommissioned. The consultant recommended a number of energy reduction strategies which will put in place after the transition of acute care services.

SJGH holds an ownership share in Cumberland Laundry; part of the carbon offsets for Cumberland Laundry is included in the total for SJGH.

Cumberland Laundry:

- 2016: The main loading dock doors at Cumberland Laundry were replaced with weather tight insulated doors; this has reduced natural gas and hydro consumption.
- 2016: All windows were re-caulked and two windows were replaced to reduce heat loss.
- 2016: All unoccupied areas of the laundry were retrofitted with occupancy sensors for room lighting.
- 2016: Wash and dry load sizes were increased to reduce energy use in the washing and drying area of the laundry. This has reduced hydro and natural gas consumption.
- 2017 / 2018: The dryer heat reclaim project has been deferred to late 2017 or 2018. This project will employ heat exchangers to capture fugitive heat from the dryers. This will reduce natural gas and hydro consumption.

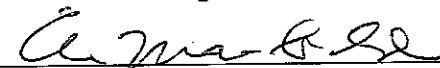
Emissions and Offset Summary Table:

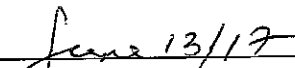
SAINT JOSEPH'S GENERAL HOSPITAL - GHG Emissions and Offset for 2016 (tCO₂e)	
GHG Emissions created in Calendar Year 2016:	
Total Emissions (tCO ₂ e)	1209
Total Offsets (tCO ₂ e)	1207
Adjustments to GHG Emissions Reported in Prior Years:	
Total Emissions (tCO ₂ e)	0
Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2016 Reporting Year:	
Grand Total Offsets (tCO ₂ e)	1207

Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, Saint Joseph's General Hospital 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:

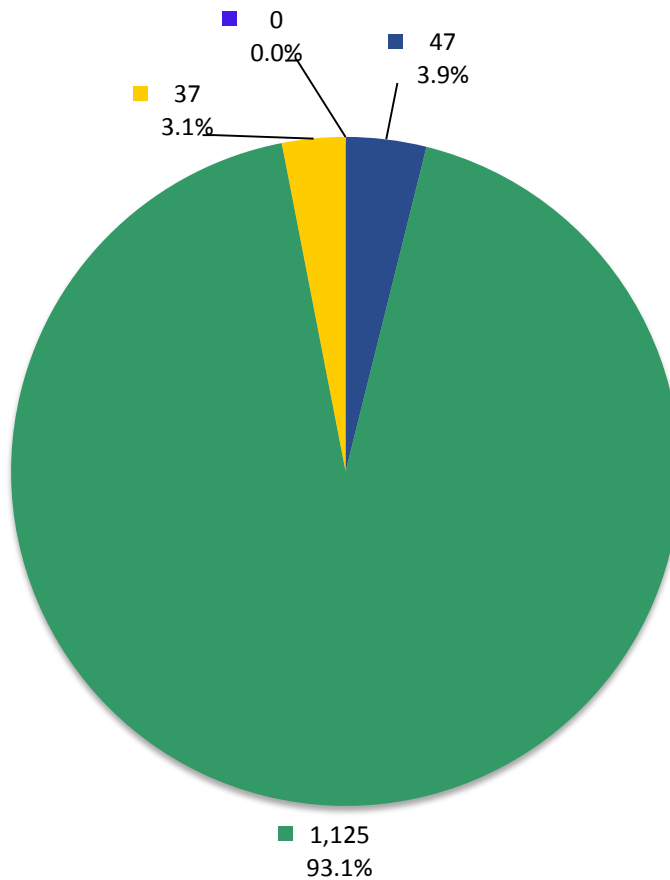

Signature


Date

Eric Macdonald

Vice President, Finance, Support & Capital Services

St. Joseph's General Hospital Greenhouse Gas Emissions by Source for the 2016 Calendar Year (tCO₂e*)



Total Emissions: 1,209

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

Offsets Applied to Become Carbon Neutral in 2016 (Generated May 16, 2017 9:24 AM)

Total offsets required: **1,207**. Total offset investment: **\$30,175**. Emissions which do not require offsets: **3** **

*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

Page 2

Part One (external)

Contact Name(s):

Glen Robinson

Organization Name:

Saint Joseph's General Hospital

Please select your sector:

- Health Authority or Affiliate

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

(No response)

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

(No response)

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

(No response)

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

(No response)

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

-
- Awareness campaign focused on reducing office paper use.
 - Policy requiring the purchase of recycled content paper.: 100%

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

(No response)

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: Encouraged car pooling
-

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

(No response)