



Organization name: This is the Carbon Neutral Action Report for Saint Joseph’s General Hospital in Comox BC for 2015. This report contains our 2015 carbon emissions profile, offsets purchased to reach net zero emissions, the actions we have taken in 2015 to reduce our greenhouse gas (GHG) emissions and our plans to continue to reduce emissions in 2016 and beyond.

Declaration statement: This Carbon Neutral Action Report for the period January 1st, 2015 to December 31st, 2015 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2015 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2016 and beyond.

By June 30, 2016 Saint Joseph’s General Hospital final *Carbon Neutral Action Report* will be posted to our website at www.sjghcomox.ca

Overview:

The following is a summary of energy reduction projects completed by Saint Joseph’s General Hospital in 2015.

- The chapel renovation in the 38 Building was completed. This included an expansion of the floor space, new energy efficient windows and added insulation. A new HVAC system was installed which is considerably more efficient than the steam heating system which was in use; this installation will reduce electrical consumption.
- All ocean facing windows of the Ocean View area of The Views long term care facility were replaced with energy efficient units and additional insulation was installed in the wall cavities surrounding the new windows. This installation took place on the “weather” side of the building which faces the ocean and is subject to high winds and rain. This will result in reduced GHG consumption for heating and cooling.
- All parking lots were re-lamped highly efficient low energy LED lighting. These lamps are also night skies compliant and will result in reduced electricity consumption.
- Saint Joseph’s General Hospital holds an ownership share in Cumberland Regional Hospital Laundry; those emissions are captured in this report. In 2016 the Cumberland Laundry will install a heat reclaim system to re-capture heat from the exhaust discharge of the industrial driers.

Emissions and Offset Summary Table:

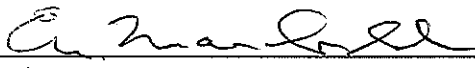
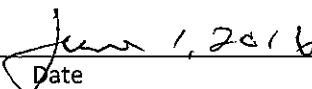
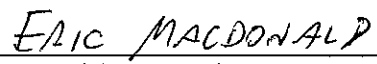
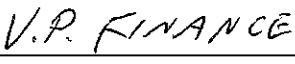
<i>Saint Joseph’s General Hospital – Comox BC - GHG Emissions and Offset for 2015 (TCO2E)</i>	
GHG Emissions created in Calendar Year 2015:	
Total Emissions (tCO ₂ e)	1,207
Total Offsets (tCO ₂ e)	1,207
Adjustments to GHG Emissions Reported in Prior Years:	
Total Emissions (tCO ₂ e)	0

Total Offsets (tCO ₂ e)	0
Grand Total Offsets for the 2015 Reporting Year:	1,207
Grand Total Offsets (tCO ₂ e)	1,207

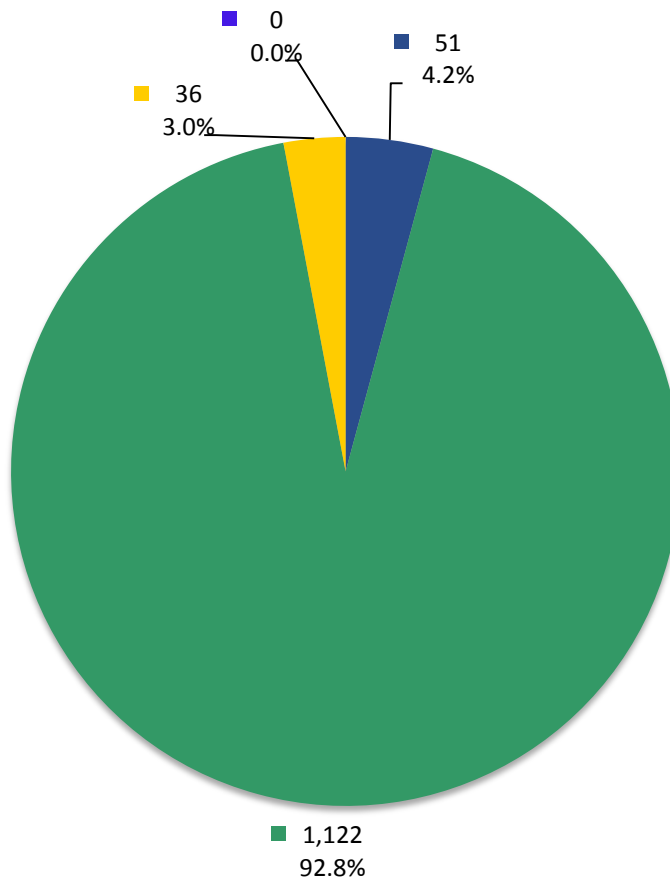
Retirement of Offsets:

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, Saint Joseph's General Hospital (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2015 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
	
Name (please print)	Title

St. Joseph's General Hospital Greenhouse Gas Emissions by Source for the 2015 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 2015 (Generated May 26, 2016 9:00 AM)

Total offsets required: **1,207**. Total offset investment: **\$30,175**. Emissions which do not require offsets: **2** **

*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.

2015 Carbon Neutral Action Report Survey

Organization Name:

Saint Joseph's General Hospital Comox

Please select your sector:

- Health Authority or Affiliate

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

Please indicate which actions your PSO took in 2015:

Have developed an overall strategy/plan to reduce energy use in your organization's buildings inventory:

No

If Yes, please describe:

(No response)

Undertook evaluations of building energy use:

No

Performed energy retrofits on existing buildings:

No

Built or are building new LEED Gold or other "Green" buildings:

No

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from buildings:

Replacement of all windows on the "weather" side of the Views building. Re-insulation of one wall and replacement of windows in the 38 Wing Building.

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

Indicate which actions your PSO took in 2015:

Have put in place an operations policy/program to support systematic reductions in fleet related emissions:

(e.g., program to convert fleet to renewable fuels)

No

If Yes, please describe:

(No response)

Replaced existing vehicles with more fuel efficient vehicles (gas/diesel):

No

Replaced existing vehicles with hybrid or electric vehicles:

No

Took steps to drive less than previous years:

No

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from fleet combustion:

Signage posted and staff educated to no idle policy.

3) Supplies (Paper):

Indicate which actions your PSO took in 2015:

Have put in place an operations policy/program to facilitate a systematic reduction in paper-related emissions:

(e.g., policy to purchase 100% Recycled Content; default to double-sided printing)

Yes

If yes, please describe:

We use 100% recycled paper.

Have put in place an operations policy/program to facilitate behavioural changes from paper use:

(e.g. awareness campaign to reduce paper use):

Yes

If yes, please describe:

Staff are encouraged to use electronic devices to view documents and to not print.

Used only 100% recycled paper:

Yes

Used some recycled paper:

Yes

Used alternate source paper:

(e.g., bamboo, hemp, wheat etc.)

No

Please list any other actions, programs or initiatives that your organization has introduced that support emissions reductions from paper supplies:

(No response)

4) Other Sustainability Actions:

Please note that this section is optional

Business Travel

Created a low-carbon travel policy or travel reduction goal:

(low-carbon = lowest emission of greenhouse gas per kilometer per passenger)

No

Encouraged alternative travel for business:

(e.g. bicycles, public transit, walking)

Yes

Encouraged or allow telework/working from home:

No

Other:

(No response)

Education Awareness

Have a Green/Sustainability/Climate Action Team:

No

Supported green professional development:

(e.g. workshops, conferences, training)

No

Supported or provided education to staff about the science of climate change, conservation of water, energy and/or raw materials:

No

Other:

(No response)

Adaptation Planning for Climate Risks

Have assessed whether increased frequency of extreme weather events and/or long term changes in climate will affect your organization's infrastructure, its employees and/or its clients:

No

Have incorporated these anticipated changes in climate into your organization's planning and decision making:

No

Other:

(No response)

Other Sustainability Actions

Established a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models:

Yes

Have put in place an operations policy/program to facilitate the reduction and diversion of building occupant waste stream from landfills or incineration facilities:

(e.g., composting, collection of plastics, batteries)

Yes

Established green standards for goods that are replaced infrequently and/or may require capital funds to purchase:

(e.g., office furniture, carpeting, etc.)

No

Incorporated lifecycle costing into new construction or renovations:

No

Please list any other sustainability actions your organization has taken not listed above:

(No response)