



This is the Carbon Neutral Action Report for Saint Joseph's General Hospital in Comox BC for 2014. This report contains our 2014 carbon emissions profile, offsets purchased to reach net zero emissions, the actions we have taken in 2014 to reduce our GHG emissions and our plans to continue to reduce emissions in 2015 and beyond.

**Declaration statement:** This *Carbon Neutral Action Report* for the period January 1st to December 31st, 2014 summarizes our emissions profile, the amount of offsets purchased to reach net zero emissions, the actions we have taken in 2014 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2015 and beyond.

By June 30, 2015 Saint Joseph's General Hospital final *Carbon Neutral Action Report* will be posted to our website at [www.sjghcomox.ca](http://www.sjghcomox.ca).


**Overview:**

- Cumberland Laundry is partially owned by SJGH and those emissions are captured in this report. The lighting system at the laundry has been completely replaced with low energy lamps and motion sensors. This resulted in a reduction of 17,345 Kw of electricity.
- The Hospital replaced multiple portable floor air conditioners / heaters with wall mounted units in a number of clinic spaces. This has resulted in reduced electrical demand draw when these were all working independently.
- An analysis was done of the electrical systems in the 38 Building. New panels were installed which allowed for upgrading the service to accommodate increased occupancy. Many areas of the building were rewired.
- The 38 Building is now heated almost completely with electrical central heating; many areas had been heated with steam which is generated by high pressure steam boilers located in a remote area of the facility. Electrical heating is a more efficient form of heating.
- The windows in the 38 Wing third floor Chapel were replaced as part of a renovation, the ceiling was also insulated this resulted in a reduction in heating costs to that area.
- In 2015 the main floor of the 38 Building is being renovated to include a chapel area. New windows and insulation will be part of this project.
- In 2015 the windows in the Eagle View area of the Views long term care facility are being replaced. This is on the "weather" side of the building which faces the ocean and is subject to strong winter winds. Most of the windows had failed and were leaking air, the replacement will result in reduced heating and cooling costs for 2015.
- Work has continued on amalgamation of printing to centralized devices. This is an ongoing project to reduce the amount of printing facility wide.
- In 2015 the parking lot lights will be replaced with low energy LED lighting which is dark sky compliant.

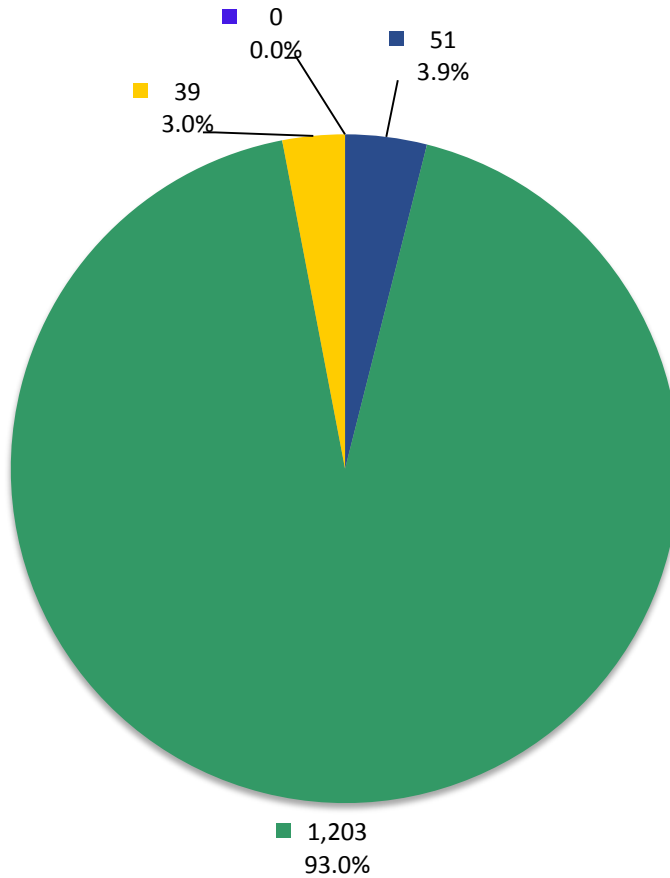
Emissions and Offsets Summary Table:

Saint Joseph's General Hospital GHG Emissions and Offsets for 2014 (TC02E)	
GHG Emissions created in Calendar Year 2014:	
Total Emissions (TC02E)	1292
Total Offsets (TC02E)	1289
Adjustments to GHG Emissions Reported in Prior Years	
Total Emissions (TC02E)	-1
Total Offsets (TC02E)	0
Total Emissions for Offset for the 2014 Reporting Year	
Total Offsets (TC02E)	1289

Executive sign-off:

Signature		Date	May 21, 2015
Name (Please Print)	JANE MURPHY	Title	PRES / CEO

## St. Joseph's General Hospital Greenhouse Gas Emissions by Source for the 2014 Calendar Year (tCO<sub>2</sub>e\*)



**Total Emissions: 1,292**

- 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 2014 (Generated June 22, 2015 4:39 PM)

Total offsets required: **1,289**. Total offset investment: **\$32,225**. Emissions which do not require offsets: **3** \*\*

\*Tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) 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.