



Providence Living

The Views at St. Joseph's

Title: "2020 PSO Climate Change Accountability Report"

Organization: Providence Living

Declaration statement: This Climate Change Accountability Report for the period January 1, 2020 to December 31, 2020 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2020 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2021 and beyond.

Overview:

In October 2017 the acute care services provided by St. Joseph's General Hospital transitioned ownership and operation to the Vancouver Island Health Authority and were relocated to the Comox Valley Hospital at 101 Lerwick Road, Courtenay. On April 1, 2019, St. Joseph's Hospital assets were transferred to Providence Living Society (formerly Providence Residential and Community Services Society). Remaining on the original hospital site at 2139 Comox Avenue, is a 165 long term care bed facility (The Views at St. Joseph's). As of April 1, 2021 we are a non-profit organization regulated under the Community Care and Assisted Living Act. We are no longer designated as a Hospital under the *Hospital Act*.

The following actions have been taken since October 1, 2017 transition:

- Vacant areas have minimal heat and airflow to protect building systems reducing energy usage. Our DDC program has "mothball" settings added to operate on these reduced temps and air flows, which can be reversed for short-term occupancy and easily switched back to reduced settings.
- Vacant area lighting has been turned off.
- One Viessmann Vitorond 200 natural gas fired boiler has been taken offline, as heating load is now reduced.
- Two 75 kw, one 80kw, and one 100kw electric steam generators, and one Cleaver Brooks natural gas fired steam boiler have been disconnected, as Sterile Processing Department is no longer present.
- Two Rinnai hot water heaters have been taken offline, due to reduced hot water consumption.
- Redundant medical equipment; such as compressors, vacuum systems and concentrators are fully disconnected from the building.
- Unused servers and equipment have been removed from the Communication Rooms, reducing electricity to operate equipment and reducing energy to cool these areas.
- Vacant heliport lighting has been removed.
- One elevator has been decommissioned.
- Cumberland Regional Hospital Laundry has transferred sole ownership to Island Health. The Views laundry is now ordered and delivered twice weekly, versus daily, saving on fuel consumption for transportation.

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T: 778.431.0280

2137 Comox Avenue

Comox BC V9M 1P2





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Optional Content:

Overall initiatives which tie in with GHG emissions reductions; and plans to continue reducing emissions in 2020 and beyond are summarized below.

- Old dish machine with low efficiency and high water use has been replaced with two smaller commercial dishwashers with heat recovery, using less water and capturing heat from wastewater.
- Oversized leaking Pot Washer was removed.
- Orca food digester was installed to reduce food waste down garburator and landfill, consuming less water to flush solids
- 4 Rinnai hot heaters were replaced with modern units that do not leak and are more energy efficient.
- New proofing warming cabinet was purchased to replace warmer with faulty door gaskets.
- New energy efficient commercial washer and dryer were installed.
- Boiler inspections are completed yearly to monitor efficiency and reduce emissions.
- Daily rounds are performed, keeping equipment running efficiently.
- Boiler water shut down was done to replace leaking valves, reducing lost boiler water, saving energy, water, and treatment chemicals
- New building is in planning stages presently with green energy ideas in construction.

Emissions and Offset Summary Table:

Providence Living 2020 GHG Emissions and Offsets	
GHG Emissions created in Calendar Year 2020	
Total Emissions (tCO ₂ e)	895
Total BioCO ₂	.0755
Total Offsets (tCO ₂ e)	895
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	41

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Grand Total Offsets for the 2020 Reporting Year	
Grand Total Offsets (tCO ₂ e) to be Retired for 2020 Reporting Year	936
Offset Investment (\$25 per tCO ₂ e)	\$23,400

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, Providence Living (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2020 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) 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 31, 2021

Signature	Date
Katja Waldman	Director of Finance and IT

Name (please print)	Title
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Please scan and email the completed form to Carbon.Neutral@gov.bc.ca

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