

Royal British Columbia Museum Corporation 2023 PSO Climate Change Accountability Report

Title: 2023 PSO Climate Change Accountability Report

Organization: Royal British Columbia Museum Corporation

PART 1. Legislative Reporting Requirements

Declaration statement: This PSO Climate Change Accountability Report for the period January 1, 2023 to December 31, 2023 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2023 to minimize our GHG emissions, and our plans to continue reducing emissions in 2024 and beyond.

Emission Reductions: Actions & Plans

A. Stationary Sources (e.g. buildings, power generation)

In 2023, the Royal BC Museum Corporation continued our commitment to reducing GHG emissions and our overall carbon footprint in our facility. Our building's preventative maintenance program includes routine maintenance and ongoing monitoring/data analysis of our HVAC units through DDC, ensuring optimal, efficient operation of our systems.

Key improvements this year included a new efficient heat exchanger system which provides for supplemental steam heat, improved domestic hot water tanks and the addition of plumbed-in filtered water systems to reduce the use of consumer bottled water.

Light bulbs and fluorescent fixtures in all areas of the building are replaced with high efficiency LED systems whenever possible, and we use post-consumer/recycled hygiene and paper products in our washrooms and work spaces.

Conservation is a concept that is engrained in us by the very nature of our institution and the work that we do here. As such, our staff are mindful of minimizing their energy usage through practices like turning out lights and office equipment in unoccupied spaces, recycling materials and managing our properties to be as water efficient as possible.

B. Mobile Sources (e.g. fleet vehicles, off-road/portable equipment)

Our use of vehicles did increase this year due to required preparations to move the collections to our new Provincial Archives, Research and Collections Campus (PARC, slated for completion in 2026,) which involved the purchase of a new transport vehicle to support these operations. Our

current vehicle fleet remains quite small at two vehicles which are shared across multiple departments.

C. Paper Consumption

Meeting agendas, documents, staff distribution and correspondence are all predominately paperless. We purchase only recycled, post-consumer paper products such as Boise ASPEN 100 for our printers and copiers, and as such, our paper consumption contributes to less than 1% of our overall GHG emissions. This is further augmented by the increased use of Microsoft Teams, our local intranet and digital whiteboards which have the ability to record and distribute collaborative information produced in meetings reducing the need for printed documents or paper waste.

As in prior years, we continue to purchase recycled printing materials and encourage paperless alternatives whenever possible.

2023 GHG Emissions and Offsets Summary Table

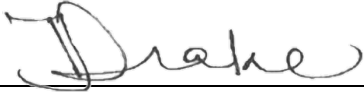
Royal British Columbia Museum Corporation 2023 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2023	
Total BioCO ₂	0.04668
Total Emissions (tCO ₂ e)	77.5
Total Offsets (tCO ₂ e)	77.6
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO ₂ e)	0
Grand Total Offsets for the 2023 Reporting Year	
Grand Total Offsets to be Retired for 2023 Reporting Year (tCO ₂ e)	78
Offset Investment (\$)	78 x \$25 = \$1950

- i. [Note, BioCO₂ is included in Total Emissions but not Total Offsets. For K-12 and post-secondary organizations, and BC Transit, Total Offsets might not equal Total Emissions minus Total BioCO₂ because offset exempt emissions for buses are included within Total Emissions.]
- ii. Emissions and offset investment amounts will be validated by CAS prior to distributing invoices.
- iii. You must round "Grand Total Offsets to be Retired" to a whole number (no decimal places) before multiplying by \$25 (e.g., 43.2 is rounded to 43, while 43.5 is rounded 44).]

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and the Carbon Neutral Government Regulation, **Royal British Columbia Museum Corporation (the Organization)** is responsible for arranging for the retirement of the offsets obligation reported above for the 2023 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:



Signature

June 10, 2024

Date

Tracey Drake

Name (please print)

June 10, 2024

Title

[Please email your signed report to Carbon.Neutral@gov.bc.ca by no later than May 31, 2024.]