



# Regional Board Report

**TO:** Regional Board

**FROM:** David Komaïke  
Director of Engineering Services

**DATE:** May 15, 2020

**SUBJECT:** RDCO Climate Action Revenue Incentive Program Public Report - 2019

**Voting Entitlement:** All Directors – Unweighted Corporate Vote – Simple Majority – LGA 208.1

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**Purpose:** The purpose of this report is to provide the Regional Board and the public with RDCO Climate Action Revenue Incentive Program and Greenhouse Gas Emissions information for 2019.

## Executive Summary:

As required under the B.C. Climate Action Charter, the Regional District of Central Okanagan has completed the 2019 Climate Action Revenue Incentive Program (CARIP) Public Survey.

In 2019, the RDCO undertook actions to support the creation of compact, complete and energy-efficient communities. The attached CARIP Public Report provides information on the actions taken by the Regional District, both corporately and community-wide, to reduce energy consumption and greenhouse gas (GHG) emissions.

## RECOMMENDATION:

**THAT** the Regional Board receive the 2019 Climate Action Revenue Incentive Program Report and the 2019 Traditional Service GHG Inventory for information.

Respectfully Submitted:

Approved for Board's Consideration

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David Komaïke  
Director of Engineering Services

A handwritten signature in black ink, appearing to read "Brian Reardon", is written over a light blue grid background.

Brian Reardon, CAO

Prepared by: Mareike Mimi Miller, Asset Management Analyst

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**Implications of Recommendation:**

Strategic Plan:	The report aligns with the RDCO Regional Board Strategic Priorities 2019-2022.
Legal/Statutory Authority:	The report aligns with the reporting requirements under the B.C. Climate Action Charter and the Climate Action Revenue Incentive Program.

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**Background:**

The B.C. Climate Action Charter is a voluntary agreement between the Province of British Columbia, the Union of British Columbia Municipalities and each local government signatory. The Charter was launched at the 2007 UBCM Convention; since then, the majority of local governments in B.C. have become signatories.

The overarching goal of the Charter is to take collaborative action on climate change by promoting the reduction of greenhouse gasses emitted in the provision of local government services. Charter signatories are eligible to participate in the Climate Action Revenue Incentive Program (CARIP).

CARIP is a conditional grant program that provides local governments funding equal to 100% of the carbon taxes they pay directly in the provision of services. The goal of CARIP is to help local governments achieve carbon neutrality. Participating local governments are obligated to report their progress towards carbon neutrality to the public annually.

Under the Charter, local governments are also required to:

- Work towards carbon neutrality in their corporate operations (service delivery);
- Measure and report on their community GHG emissions profile;
- Create complete compact, energy-efficient rural and urban communities; and
- Report associated emissions and program data to the public and the Province annually.

The Regional District of Central Okanagan (RDCO) is a signatory of the B.C. Climate Action Charter, and therefore, eligible to apply for a grant under the program. The RDCO is committed to making progress in reducing greenhouse gas emissions and has consistently reported progress towards carbon neutrality since becoming a Charter signatory.

**Significant Actions:**

The following excerpts are from the 2019 RDCO CARIP Public Report, which is based on the Provincial Climate Action Revenue Incentive Program Survey. The excerpts includes significant corporate, community-wide, and climate preparedness and adaptation actions taken by the Regional District in 2019. The 2019 CARIP Public Report is available on the RDCO website and has been attached for your reference.

## **Corporate Climate Actions Focused on Reducing GHG Emissions:**

When it comes to the corporate climate action, please highlight up to three significant actions focused on reducing GHG emissions that your local government undertook in 2019:

### Corporate Action #1

The Regional Board set new Strategic Priorities. The Regional Board Strategic Priorities Plan (2019-2022) provides high-level guidance for corporate activities, including efforts to reduce our greenhouse gas emissions and adapt to climate change.

### Corporate Action #2

The RDCO continued planning, collaborating, and information sharing to promote the overall reduction of corporate GHG emissions. Of note, in 2019, are actions taken in the Broad Planning, Greenspace/Natural Resource Protection, Solid Waste, and Water/ Wastewater Treatment categories.

### Corporate Action #3

The RDCO commenced new contract service agreements that incorporate the reduction of GHG emissions through the shortening of annual trucking time (biosolids trucking) and the use of compressed natural gas fuel (garbage, yard waste, and recycling collection).

## **Community-Wide Actions Focused on Reducing GHG Emissions:**

When it comes to the community-wide climate action, please highlight up to three significant actions focused on reducing GHG emissions that your local government undertook in 2019:

### Community-Wide Action #1

The Regional Board set new Strategic Priorities. The Regional Board Strategic Priorities (2019-2022) provides high-level guidance for corporate involvement in community-wide activities. The Priorities include the promotion of transportation and land use approaches, which are intended to enhance movement throughout the region and reduce our collective reliance on vehicles.

### Community-Wide Action #2

The Regional District collaborated with the Regional District of North Okanagan, the Regional District of Okanagan-Similkameen, the Pacific Climate Impacts Consortium, and Pinna Sustainability to develop a Climate Projections Report. The Report offers science-based information on how the Okanagan's climate is projected to change. This Report intends to enable community leaders and local decision-makers to explore how, together, we can prepare the Okanagan for the inter-related impacts facing our region.

### Community-Wide Action #3

The RDCO participated in the *UBC Okanagan & Regional District of Central Okanagan NSERC Collaborative Research Development Partnership*. The research conducted with the help of this partnership is hoped to solve challenges associated with Biosolids. Biosolids are a byproduct of the wastewater process.

When it comes to climate preparedness and adaptation actions, please highlight up to three significant actions/initiatives that your local government undertook in 2019:

#### Adaptation Action #1

The Regional District collaborated with the Regional District of North Okanagan, the Regional District of Okanagan-Similkameen, the Pacific Climate Impacts Consortium, and Pinna Sustainability to develop a Climate Projections Report. The Report offers science-based information on how the Okanagan's climate is projected to change. This Report intends to enable community leaders and local decision-makers to explore how, together, we can prepare the Okanagan for the inter-related impacts facing our region.

#### Adaptation Action #2

The RDCO continued on-going work towards the completion of the Regional Floodplain Management Plan – Phase 2. The Regional Floodplain Management Plan (RFMP) is a tool that will help the Regional District and its member municipalities in identifying, assessing, and managing the risk of flooding in the Central Okanagan region. The RFMP consists of three phases. Phase 1 was recently completed.

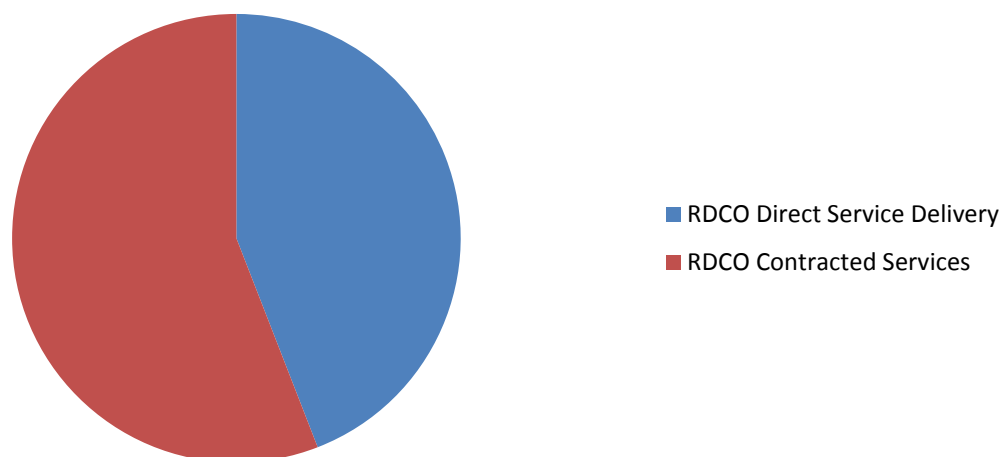
#### Adaptation Action #3

The Regional District commenced the development of a Parks Management Plan for Mission Creek Regional Park. The management plan is intended to balance passive recreational use with the protection of critical natural assets. Natural assets provide ecological service benefits to the community.

#### **Emissions Data:**

The following summarizes the 2019 B.C. Traditional Services GHG Inventory Report for the RDCO provided by GHG Accounting Services Ltd. The complete inventory report is attachment for your reference.

### **Energy Inventory t CO<sub>2</sub>e, GHG, All Total 2019 TSI 1,524**



**Direct Service Delivery:**

This category includes corporate services, sewer systems, water systems, fire & protective services, parks and recreation, RDCO Fleet, reimbursed travel for core services, and temporary accounts.

**Contract Services:**

This category includes garbage, yard, and recycling collection and biosolids transfer.

**2018 to 2019 variance in TSI:**

In 2018, the RDCO reported a TSI of 1,272. The increase in TSI for 2019 is reported under Contractor Services and could be due to a rise in 2019 emissions, as well as innovations in data collection processes.

**Financial Considerations:**

In 2019 the Regional District of Central Okanagan paid a total of \$25,799 in carbon tax.

***Considerations not applicable to this report:***

- Policy
- General
- Organizational

**Attachment(s):**

- 2019 RDCO CARIP Public Report
- RDCO 2019 BC Traditional Service GHG Inventory.

**Links:**

- Summary Report on Local Government Climate Actions 2018  
[https://www2.gov.bc.ca/assets/gov/british-columbians-our-governments/local-governments/planning-land-use/carip\\_2018\\_summary.pdf](https://www2.gov.bc.ca/assets/gov/british-columbians-our-governments/local-governments/planning-land-use/carip_2018_summary.pdf)