



REGIONAL DISTRICT OF CENTRAL OKANAGAN
REGULAR BOARD MEETING
AGENDA
8:30 am

Thursday, June 11, 2020
Woodhaven Board Room
1450 K.L.O. Road, Kelowna, BC

Pages

1. CALL TO ORDER

Chair to acknowledge that this meeting is being held on the traditional territory of the syilx/Okanagan peoples.

2. ADDITION OF LATE ITEMS

3. ADOPTION OF THE AGENDA

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

THAT the agenda be adopted.

4. ADOPTION OF MINUTES

4.1 **Regional Board Meeting Minutes - May 25, 2020**

1 - 9

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

THAT the Regional Board meeting minutes of May 25, 2020 be adopted.

4.2 **Public Hearing Minutes - May 25, 2020**

10 - 12

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

THAT the Public Hearing minutes of May 25, 2020 be received.

5. CORRESPONDENCE

5.1 **Sterile Insect Release - Request For Support**

13 - 15

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

THAT the Sterile Insect Release letter of June 2, 2020 regarding a request for resolution in support of OKSIR's ability to authorize revenue anticipation borrowing be received;

AND FURTHER THAT the Regional District of Central Okanagan Board supports OKSIR Board to authorize, by bylaw, a cashflow management program that mirrors the revenue anticipation borrowing authority granted to local governments under the Local Government Act s. 404, such that borrowed funds may only be used to cover current-year operating expenditures included in OKSIR's Five-Year Financial Plan, to a maximum of the amount owing to the OKSIR from the current-year tax requisitions.

5.2 Okanagan Basin Water Board Meeting Highlights - June 2, 2020

16

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

THAT the Okanagan Basin Water Board meeting highlights of June 2, 2020 be received for information.

6. NEW BUSINESS

6.1 Climate Action Revenue Incentive Program Report-2019

17 - 57

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

Recommended Motion:

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

6.2 Rise & Report - Governance & Services Committee Meeting - June 11, 2020

7. DIRECTOR ITEMS

8. ADJOURN IN CAMERA

Recommended Motion:

THAT pursuant to Section 90 (c) of the Community Charter the Regional Board adjourn and convene to an 'In-Camera' session to discuss:

- labour relations

Minutes of the *REGIONAL BOARD MEETING* of the Regional District of Central Okanagan held at the Regional District offices, 1450 KLO Road, Kelowna, B.C. on Monday, May 25, 2020

- Directors:
- J. Baker (District of Lake Country)
 - M. Bartyik (Central Okanagan East Electoral Area)
 - C. Basran (City of Kelowna) *(via electronic attendance)*
 - W. Carson (Central Okanagan West Electoral Area)
 - M. DeHart (City of Kelowna)
 - C. Fortin (District of Peachland) *(via electronic attendance)*
 - G. Given (City of Kelowna)
 - C. Hodge (City of Kelowna)
 - S. Johnston (City of West Kelowna) *(via electronic attendance)*
 - G. Milsom (City of West Kelowna) *(via electronic attendance)*
 - B. Sieben (City of Kelowna)
 - L. Stack (City of Kelowna) *(via electronic attendance)*
 - L. Wooldridge (City of Kelowna)
 - J. Coble (Westbank First Nation) *(via electronic attendance)*
- Staff:
- B. Reardon, Chief Administrative Officer
 - T. Cashin, Director of Community Services
 - J. Foster, Director of Communication & Information Services
 - D. Komaike, Director of Engineering Services
 - M. Kopp, Director of Parks Services
 - M. Rilkoff, Director of Financial Services *(via electronic attendance)*
 - M. Drouin, Manager-Corporate Services (recording secretary)

1. CALL TO ORDER

Chair Given called the meeting to order at 7:06 p.m.

The meeting is being held on the traditional territory of the syilx/Okanagan Peoples.

Roll call was taken as some board members were in attendance electronically due to physically distancing for COVID-19 pandemic.

Southern Interior Local Government Association award presentation – SILGA announced that the Regional District won the 2020 Environmental Sustainability Excellence Award for our Okanagan Flood Collaboration project.

2. ADDITION OF LATE ITEMS

There were no late items for the agenda.

3. ADOPTION OF THE AGENDA

(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)

#88/20 BAKER/HODGE

THAT the agenda be adopted.

CARRIED Unanimously

4. ADOPTION OF MINUTES

4.1 Regional Board Meeting Minutes – April 27, 2020 *(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)*

#89/20 BAKER/WOOLDRIDGE

THAT the Regional Board meeting minutes of April 27, 2020 be adopted.

CARRIED Unanimously

5. DELEGATION

5.1 Mission Creek Floodplain Mapping Update and Dike Breach Analysis - Marcel LeBlanc, Water Resources Market Sector Leader – AECOM *(All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1)*

Staff introduced the item and provided background information on the project. An update of the mapping project was then provided by Marcel LeBlanc.

#90/20 HODGE/BARTYIK

THAT the Regional Board receive for information the Regional Floodplain Management Plan – Phase 2 report dated May 25, 2020, from the Director of Community Services.

CARRIED Unanimously

6. CORPORATE SERVICES

6.1 RDCO Westside Regional Wastewater Treatment Plant Development Cost Charge Bylaw No. 1448, 2020, **Adoption** *(Stakeholder Vote - West Kelowna & Peachland - Weighted - Simple Majority - LGA 209)*

#91/20 FORTIN/MILSOM

THAT RDCO Westside Regional Wastewater Treatment Plan Development Cost Charge Bylaw No. 1448, 2020 be adopted.

CARRIED Unanimously

7. FINANCIAL SERVICES

- 7.1 Purchase Commitments >\$100,000 during 1Q 2020 (*All Directors - Unweighted Corporate Vote - Simple Majority - LGA 208.1*)

Staff report dated May 19, 2020 outlined the purchase commitments exceeding \$100,000 during 1Q 2020.

#92/20 SIEBEN/BAKER

THAT the Regional Board, as per section 4.6 of the RDCO Purchasing Policy, receive for information the report dated May 19, 2020 on purchase commitments which exceeded \$100,000 made during the first quarter of 2020.

CARRIED Unanimously

8. COMMUNITY SERVICES

- 8.1 Land Use Contract Discharge of Land Use Contract No. 225 for Lake Okanagan Resort, (*Custom Vote - Electoral Areas & West Kelowna Fringe Area - 1 Director, 1 Vote, Simple Majority*)

Staff report outlined the background information for discharging Land Use Contract No. 225 for Lake Okanagan Resort. Staff reviewed the regulations and priorities to discharge Land Use Contracts.

#93/20 CARSON/MILSOM

THAT the Regional Board direct Planning staff to commence a RDCO initiated amendment to terminate (discharge all lands) Land Use Contract No. 225 along with an amendment to the zoning bylaw.

AND THAT Planning staff close Application Z20/01 and Z20/02.

AND FURTHER THAT Planning staff are authorized to issue a full refund of the application fee for Z20/01 and Z20/02 to the applicant.

CARRIED Unanimously

- 8.2 Development Variance Permit (VP-20-01), J. & H. Denison and J. Knight (owners), located adjacent to Westside Road and Denison Road (Central Okanagan West Electoral Area, *(Custom Vote - Electoral Areas and West Kelowna Fringe Area, 1 Director, 1 Vote, Simple Majority)*)

Staff report outlined the variance to allow an increase of the maximum accessory building height. Staff reviewed the application. No letters of opposition were received.

- The applicant, John Denison, addressed the Board and answered a question raised regarding the covering for the building.

There were no further comments.

#94/20

MILSOM/CARSON

THAT the Regional Board approve Development Variance Permit Application VP-20-01 for J. & H. Denison at 3625 North Westside Road, to vary the Provision of Part 6, Section 6.3.14.2 of Zoning Bylaw No. 871 by allowing an increase of the maximum accessory building height from 5.0 m (16.4 ft.) to 6.4 m (21 ft.), based on the Survey Certificate prepared by Bennett Land Surveying Ltd. dated April 2, 2020.

CARRIED Unanimously

- 8.3 Development Permit Application (DP-20-02), B. Gordon (owner) c/o D. Arsenault (agent), 2677 Westside Road, Central Okanagan West Electoral Area, *(Custom Vote - Electoral Areas, Kelowna & West Kelowna Fringe Areas, 1 Director, 1 Vote, Simple Majority)*

Staff report outlined the permit. Staff reviewed the application.

#95/20

CARSON/BARTYIK

THAT the Regional Board conditionally approve Development Permit DP-20-02 for B. Gordon located at 2677 Westside Road, subject to the following conditions:

- No further or variance in construction of, addition to or alteration of a building or structure; or alteration or clearing of land is to occur within the Development Permit Area as outlined in the Rural Westside Official Community Plan Bylaw No. 1274 without prior notification and approval by RDCO; other than that recognized and approved in this Development Permit.
- No further buildings, structures or improvements of any kind shall be constructed nor located within the 15m setback from the High Water Mark of Okanagan Lake. And further, there shall be no removal or disturbance of any soil, vegetation, or trees (with the exception of weeds) from within the 30 m setback area without first obtaining the written consent of the RDCO.

- All works must be in compliance with the approvals received from the Province in accordance with the BC Water Sustainability Act.
- All fill removal, mitigation, and restoration activities must be completed as per the recommendations contained in the December 20, 2019 Environmental Management Plan, March 23, 2020 Addendum 1, and May 7, 2020 Addendum 2, completed by Arsenault Environmental Consulting Ltd.
- Should any of the fill remain onsite, the DP must be amended to include a reclamation plan and further environmental assessment completed in the Sensitive Terrestrial area.
- There shall not be any further land disturbance beyond that which is outlined in DP-20-02 without additional environmental assessment work undertaken by a Qualified Environmental Professional and without first obtaining the written consent of the RDCO.
- The applicant must retain a Registered Professional Geotechnical Engineer to provide professional oversight of the proposed upland fill placement.
- Registration of a restrictive Section 219 'No Build No Disturb' Covenant within 15 metres of the high water mark of Okanagan Lake.
- In accordance with the RDCO Noxious Weed Control Bylaw No. 179, the owner or occupier of the land shall prevent the infestation of noxious weeds and cut down or otherwise destroy and mulch or remove all noxious weeds and plant with native grasses or other native vegetation.
- Best Management Practices are to be used as a means to protect the riparian area, fish, and fish habitat.

CARRIED Unanimously

- 8.4 Development Permit Application (DP-20-01), T. Robinson (owner), 7379 Fintry Delta Road, Central Okanagan West Electoral Area (*Custom Vote - Electoral Areas - 1 Director, 1 Vote, Simple Majority*)

Staff report outlined the permit for works associated with the construction of a single family dwelling, detached garage and septic field. Staff reviewed the application.

Director Johnston left the meeting at 8:20 p.m. and returned at 8:22 p.m.

The agent, Jason Schleppe, Ecoscape, addressed the Board. The lot doesn't fit the full riparian regulations, however work can be done to facilitate the proposed redesign of the dwelling. He believes they have responded to the Environmental Advisory Commission comments as best as can be accomplished.

Don Dobson, Dobson Engineering, addressed the Board and highlighted the flood constraints for this property, noting previous flood events and the work that has been done in an attempt to protect the property in question.

#96/20

CARSON/BARTYIK

THAT the Regional Board conditionally approve Development Permit DP-20-01 for T. Robinson (owner), 7379 Fintry Delta Road, and that the DP be subject to the following conditions:

- No further or variance in construction of, addition to or alteration of a building or structure; or alteration or clearing of land is to occur within the Development Permit Area as outlined in the Rural Westside Official Community Plan Bylaw No. 1274 without prior notification and approval by RDCO; other than that recognized and approved in this Development Permit. Any future amendments to the Development Permit may require recirculation to internal and external agencies and Regional Board approval.
- No further buildings, structures or improvements of any kind shall be constructed nor located within the 15m setback from the High Water Mark of Shorts Creek. And further, there shall be no removal or disturbance of any soil, vegetation, or trees (with the exception of weeds) from within the 30 m setback area without first obtaining the written consent of the RDCO.
- All construction, land clearing, mitigation, and restoration activities must be completed as per the recommendations contained in the Environmental Assessment prepared by Ecoscape Environmental Consultants Ltd., the Flood Hazard Assessment prepared by Dobson Engineering Ltd., and the on-site sewerage system design plans prepared by Oland Engineering Ltd..
- All individuals (e.g., owners, developers, equipment operators) involved in land-altering activities (e.g., contractors, landscaping, service installation) must be advised that if archaeological material is encountered during development, they must stop all activities immediately and contact the Provincial Archaeology Branch for direction.
- Further modifications including construction/alteration of retaining walls, groynes, and substrate modification must not occur at any time without further environmental assessment being conducted and appropriate approvals received from the Province in accordance with the BC *Water Sustainability Act* (Section 11).
- Registration of a restrictive (Floodplain) covenant under section 219 of the *Land Title Act* to limit the potential local government liability in floodplains. The covenant must restrict habitable space to no less than the recommended flood construction level of 350.4m.
- Registration of a restrictive (No-Build / No-Disturb) covenant under section 219 of the *Land Title Act*, restricting construction within the identified SPEA.
- Registration of a restrictive (Wildfire) covenant under section 219 of the *Land Title Act* to address wildfire hazard reduction measures.
- The property owner is responsible for complying with the conditions outlined in all covenants and statutory right of ways registered on title.
- Silt fencing must be installed between the proposed works/soil disturbance and adjacent sensitive areas to mitigate the risks to aquatic resources associated with runoff and sediment transport.

- The riparian and SPEA setback must be surveyed onsite by a legal land surveyor, staked, and clearly delineated to prevent encroachment. Brightly coloured snow fencing must be installed immediately adjacent the development footprint.
- Demolition debris and any fill material must not be stored or deposited within the riparian setback. Material not required for backfill must be transported offsite. All construction debris must be kept outside of the setback and must be removed from the property on a regular basis.
- In accordance with the RDCO Noxious Weed Control Bylaw No. 179, the owner or occupier of the land shall prevent the infestation of noxious weeds and cut down or otherwise destroy and mulch or remove all noxious weeds and plant with native grasses or other native vegetation.
- A detailed compensation and landscape restoration plan is to be submitted to and approved by the RDCO prior to commencement of any compensation works.

CARRIED Unanimously

- 8.5 Zoning Amendment Bylaw No. 871-262 (Z20/04) - **First Reading**, D. Leask & S. Macdonald (owners), 4345 Maxwell Road, Central Okanagan West Electoral Area (*Custom Vote - Electoral Areas, West Kelowna and Peachland Fringe Areas - 1 Director, 1 Vote, Simple Majority*)

Staff outlined the application to consider a site-specific amendment to permit a Cannabis Production Facility that does not meet the minimum parcel area allowed for this use and to vary a setback to approve the location of the building intended for this purpose. Agency comments were highlighted and the reasons for deferral. To date three letters of opposition have been received.

#97/20 FORTIN/CARSON

THAT Zoning Amendment Bylaw No. 871-262 be deferred until such time that specific concerns and requirements of the RDCO Fire Service Manager, RDCO Building Inspector, Ministry of Forests, Lands, Natural Resource Operations and Rural Development District Okanagan Shuswap, and Interior Health Authority are addressed to the satisfaction of each respective RDCO department or agency.

CARRIED (opposed Milsom)

#98/20 BARTYIK/CARSON

THAT the Regional Board not consider any further zoning amendment applications from the owners of property located at 4345 Maxwell Road until the non-compliance issues associated with the existing accessory building (garage) are addressed to the satisfaction of the RDCO.

CARRIED (opposed Milsom)

- 8.6 Zoning Amendment Bylaw No. 871-261 - ***2nd and 3rd Readings & Adoption*** (Z20/03), S. Tulloch (owner), c/o D. Tulloch (agent), located at 6880 Sierra Drive, to rezone the subject property from RU2 to RU2s (Secondary Suite) to allow a secondary Suite, Central Okanagan East Electoral Area (*Custom Vote - Electoral Areas and Kelowna Fringe Area*)

#99/20

BARTYIK/SIEBEN

THAT Zoning Amendment Bylaw No. 871-261 be given second and third readings;

AND FURTHER THAT Zoning Amendment Bylaw No. 871-261 be adopted.

CARRIED Unanimously

9. PARK SERVICES

- 9.1 Robert Lake Regional Park License of Occupation (*All Directors - Weighted Vote - Simple Majority - LGA 210.2*)

Staff report dated April 28, 2020 outlined the purpose is to enter into a License of Occupation agreement with the City of Kelowna to formalize a longstanding arrangement for a parking and bird viewing area at Curtis Road adjacent to Robert Lake Regional Park.

#100/20

HODGE/DEHART

THAT the Regional Board approve entering into and completing a five (5) year License of Occupation agreement with the City of Kelowna that will formalize the parking and bird viewing area at Curtis Road immediately adjacent to Robert Lake Regional Park.

CARRIED Unanimously

10. NEW BUSINESS

No new business.

11. DIRECTOR ITEMS

It was stated that HR matters, including the recent suspensions from the North Westside Fire Department, are considered confidential and cannot be discussed publicly.

12. ADJOURN

The meeting was adjourned at 9:07 p.m.

CERTIFIED TO BE TRUE AND CORRECT

G. Given (Chair)

Brian Reardon (Chief Administrative Officer)

Minutes of the PUBLIC HEARING of the Regional District of Central Okanagan held in the Regional District's Woodhaven Boardroom, 1450 KLO Road on Monday, May 25, 2020

Directors: J. Baker (District of Lake Country)
M. Bartyik (Central Okanagan East Electoral Area)
C. Basran (City of Kelowna) *(via electronic attendance)*
W. Carson (Central Okanagan West Electoral Area)
M. DeHart (City of Kelowna)
C. Fortin (District of Peachland) *(via electronic attendance)*
G. Given (City of Kelowna)
C. Hodge (City of Kelowna)
S. Johnston (City of West Kelowna) *(via electronic attendance)*
G. Milsom (City of West Kelowna) *(via electronic attendance)*
B. Sieben (City of Kelowna)
L. Stack (City of Kelowna) *(via electronic attendance)*
L. Wooldridge (City of Kelowna)
J. Coble (Westbank First Nation) *(via electronic attendance)*

Staff: B. Reardon, Chief Administrative Officer
T. Cashin, Director of Community Services
D. Dudzik, Senior Planner
J. Foster, Director of Communication Services
B. Lange, Environmental Planner
M. Rilkoﬀ, Director of Financial Services
M. Drouin, Manager Corporate Services (recording secretary)

Chair Given brought the Public Hearing to order at 7:00 p.m. and acknowledged that this Public Hearing is being held on the traditional territory of the Syilx/Okanagan Peoples.

Roll call was taken as some board members were in attendance electronically due to physically distancing for COVID-19 pandemic.

This Special Meeting is being held for the purpose of considering amendments to RDCO Zoning Bylaw 871

The **Public Hearing was advertised** (pursuant to the *Local Government Act*) in the Kelowna Capital News on Wednesday, May 13 and May 20, 2020.

The role of the Regional Board is to hear representation from those persons who wish to provide comments regarding the proposed bylaws. Everyone who wishes to speak shall be given the opportunity to be heard. No one will be, or should feel, discouraged or prevented from making his or her views known. However, it is important that all who speak at this meeting restrict their remarks to matters contained in the bylaws and it is my responsibility as Chairperson of this meeting to ensure that all remarks are so restricted.

Members of the Regional Board may, if they so wish ask questions of you following your presentation. However, the main function of the Regional Board members this evening is to listen to the views of the public. It is not the function of the Regional Board at this public hearing to debate the merits of the proposed bylaws with individual citizens.

No decision will be made at the Hearing, but the entire proceedings will be considered by the Regional Board at a subsequent meeting.

Submissions regarding the proposed bylaws may be received prior to or at this Hearing. No further information or representations can be considered by the Regional Board after the Public Hearing is terminated.

The Chair introduced the following bylaw:

1. APPLICANT: S. Tulloch (agent D. Tulloch)

Zoning Amendment Bylaw No. 871-261

(RDCO File: Z20/0-3)

Received First Reading: April 27, 2020

(Central Okanagan East Electoral Area)

To amend the zoning from RU2 Rural 2 to RU2s Rural 2 (Secondary Suite) on Lot 8, Section 30, Township 24, ODYD, Plan 31660

Staff:

Staff report dated May 25, 2020 outlined the application. Staff presented the amendments to the bylaw.

The property is developed with one single detached house and two accessory buildings. The current land use is rural residential.

The owner would like to construct a secondary suite in the basement of the existing single detached house. In preparation of the rezoning, through the design of the existing residence, the owner roughed in various components in anticipation of a future suite.

The provision of a secondary suite is subject to the regulations identified in Section 3.26 of Zoning Bylaw No. 871. These regulations were recently amended by the Regional Board to strengthen servicing requirements and reflect new design and construction requirements for secondary suites in the BC Building Code. The zoning amendment and all requirements of a Building Permit must be met prior to final approval for occupancy being granted by the Regional District. Based on the proposal and supporting technical documentation, adequate on-site parking is achievable for the residence and secondary suite and servicing requirements for water and wastewater have been addressed as required in Zoning Bylaw No. 871.

The property is located in the Ellison Area; however, it is outside of a designated Fire Protection Area. The parcel is serviced by a private water source and on-site sewerage disposal system. In accordance with the Ellison Official Community Plan Bylaw No. 1124, the property is affected by a number of Development Permit Areas (including Aquatic Ecosystems, Rural Hillside and Sensitive Terrestrial Ecosystems).

As the proposed secondary suite is to be constructed in the existing single detached house and is located outside of any Development Permit Areas, a development permit application is not required.

With recent changes to the secondary suite regulations, there is no longer a limit to total floor area or percentage distribution of the secondary suite to the principal building. Secondary suite requirements will be dealt with through the building permit process to ensure compliance with the BC Building Code.

To date, no submissions have been received from the public.

Board:

There were no questions from the Board.

Public:

There were no comments from the public.

There were no further comments and the Public Hearing for this application was terminated at 7:06 p.m.

CERTIFIED TO BE TRUE AND CORRECT

G. Given (Chair)

B. Reardon (Director of Corporate Services)



Regional District of Central Okanagan
1450 K.L.O. Road
Kelowna, BC, V1W 3Z4

June 2, 2020

Dear Chair Given,

Re: Request for Resolution in Support of OKSIR's Ability to Authorize Revenue Anticipation Borrowing

The OKSIR Board prides itself on sound fiscal management. The program has not raised its tax rates since 2010, all while continuing to provide environmental, economic, and social benefit to our valleys. As a local government organization, OKSIR is faced many of the same financial challenges as our partnering regional districts. One of these challenges is the gap between the timing of the bulk of our annual operating expenses (March through August) and the receipt of tax revenues (early August) in a given fiscal year.

The *Local Government Act*, s.404, provides a mechanism for local governments to authorize, through bylaw, borrowing to cover current-year operating expenditures included in the local government's five-year financial plan bylaw. Revenue anticipation borrowing through s.404 is not to be used to cover long-term borrowing needs or capital financing, and the borrowing is done through the Municipal Finance Authority.

Unfortunately, the OKSIR Program's governing legislation, the *Municipalities Enabling and Validating Act* (MEVA), s. 283 (1989), does not contemplate the same authority for the OKSIR Board, despite giving the Board autonomy over its annual budget and operations. Rather, the MEVA prohibits the OKSIR from borrowing money or incurring liabilities without the support of the partnering regional districts.

The OKSIR Program seeks the support of the Regional District partners to authorize our own cashflow management through revenue anticipation borrowing, subject to all the same restrictions as local governments. Authorization by the Regional Districts can be provided through the following resolution:

THAT the Regional District Board support OKSIR Board to authorize, by bylaw, a cashflow management program that mirrors the revenue anticipation borrowing authority granted to local governments under the Local Government Act s. 404, such that borrowed funds may only be used to cover current-year operating expenditures included in OKSIR's Five-Year Financial Plan, to a maximum of the amount owing to the OKSIR from the current-year tax requisitions.

The enclosed briefing note provides some additional background on our request.

As always, the OKSIR Board is grateful for the continued support of the regional district partners, as well as the continued service of the Directors who sit on the Board.

Sincerely,

Shirley Fowler
OKSIR Board Chair



Okanagan-Kootenay Sterile Insect Release Program
Letter to Participating Regional Districts
Briefing Note, June, 2020

REQUEST FOR RESOLUTION

in Support of OKSIR's Ability to Authorize Revenue Anticipation Borrowing

THE PROGRAM

The Okanagan-Kootenay Sterile Insect Release (OKSIR) Program is an area-wide, integrated pest management program that was established in 1989 to reduce the use of pesticides in local communities, and to protect the pome fruit industry of the Okanagan, Shuswap and Similkameen Valleys from infestations of codling moth. The Program today operates as an inter-regional service with four participating Regional Districts: the Regional Districts of Okanagan-Similkameen, Central Okanagan, North Okanagan and Columbia Shuswap.

The OKSIR Program has attracted considerable attention at home and abroad for its innovative and successful approach to pest management. Since its inception, the Program has enabled growers to reduce the volume of pesticides used to control codling moth infestation by 95%. Wild codling moth populations have dropped by +90% across the Program's service area; damage from the moth at time of harvest has been reduced to 0.2% of fruit in nearly 90% of all commercial orchards. Tourism, food security and relations between residents and orchardists have all benefitted from OKSIR's sustainable approach to pest management, as has BC's international reputation as a centre of excellence in horticultural research and innovation.

The Program's success can be attributed, in large part, to the support and involvement of the participating Regional Districts and the tree fruit industry. Success is also a function of the Program's legislative framework (MEVA s.283) that assigns responsibility for operations to an autonomous SIR Board, and which gives the Board key powers, including those related to budget approval and regulation.

OKSIR BUDGET APPROVAL/ANNUAL CASH FLOW

OKSIR follows local government financial standards. A five-year financial plan is prepared annually and approved by the OKSIR Board of Directors.

Like local governments, OKSIR's fiscal year begins January 1. Two of the biggest line item expenses in the OKSIR operating budget are diet ingredients (275K current year budget) and wages and benefits (2.28M current year budget). The bulk of diet ingredients are purchased in the first three months of the year. Seasonal labour costs (~700K) begin in March, peaking from May through August, and tailing off in October.

Taxes (both land and parcel) are received from the regional districts in the first weeks of August. Receivables from sales of egg sheets and moths are billed monthly, with the bulk of income occurring June through October.

LOCAL GOV. REVENUE ANTICIPATION BORROWING

The challenge of covering operating expenses in the months before tax revenues are collected can be common problem for local governments. If local governments cannot fund their operations between January and July from their existing cash surplus, they can borrow against their anticipated revenue for the year. The *Local Government Act*, s.404 provides a mechanism for local governments to authorize, through bylaw, borrowing to cover current-year operating expenditures included in the local government's five-year financial plan bylaw. Revenue anticipation borrowing is not to be used to cover long-term borrowing needs or capital financing, and the borrowing is done through the Municipal Finance Authority.

REGIONAL DISTRICT SUPPORT FOR OKSIR'S REVENUE ANTICIPATION BORROWING

OKSIR's legislation does not support the program to incur liabilities or borrow money without the support of the partnering regional districts. OKSIR seeks the regional districts support to allow the OKSIR Board to authorize revenue anticipation borrowing through its own bylaws. All borrowing would be subject to the guidance laid out by the



Province for Local Government Revenue Anticipation Borrowing. The borrowed funds may only be used to cover current-year operating expenditures included in OKSIR's Five-year Financial Plan, to a maximum of the amount due from the current year tax requisitions.

OKSIR does not have access to funds through the Municipal Finance Authority, and revenue anticipation borrowing would have to be done through OKSIR's bank with a line of credit. Current interest rates offered through OKSIR's bank are competitive with MFA rates.

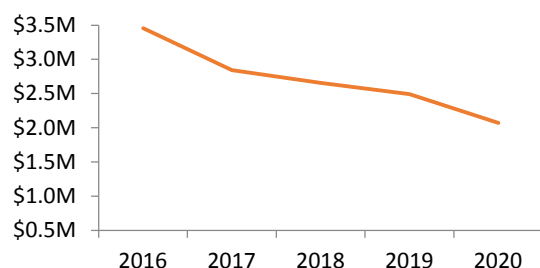
OKSIR'S SOUND FISCAL MANAGEMENT

The OKSIR Program has a long history of sound fiscal management. The Program has not raised land nor parcel taxes since 2010. Additionally, with the support of the regional district partners, the program is making strides towards significant revenue generation. Using the excess capacity of the program's production facility, OKSIR is on track to earn over \$600K in sales for 2020.

OKSIR SURPLUS AND RESERVES

OKSIR does not have any statutory reserve requirements in its legislation, and all monies can be kept in a general fund. As a requirement of our permit for the irradiator, however, the program must keep a financial reserve to decommission the irradiator (~300K) when it is no longer needed (a replacement fund is not required). The decommissioning and replacement of the irradiator is a major capital expense, and from 2005-2015, the program earmarked funds for this purpose, budgeting \$1.5M. The process was completed in 2016, using cash from the reserve, for \$1.05M.

Figure 1. Financial Assets (cash, portfolio investments, and accounts receivable) as of January 1



Rather than raise taxes, which were last increased in 2010, the Board has slowly drawn the general fund for capital replacement and operating costs in excess of yearly tax revenues.

OKSIR CASH FLOW PROJECTIONS: 2020 & BEYOND

Despite the complications of the current pandemic, OKSIR is on track to finish the year on budget as approved in the 2020-24 Five Year Financial Plan, OKSIR Bylaw No. 35. Having started the 2020 fiscal with only \$2M in the general fund, however, a cash flow analysis predicts a likely shortfall through June and July 2020 until requisitions are received.

For 2021 and beyond, OKSIR will continue to face cash flow challenges unless the program increases its reserve.

ALTERNATE OPTIONS

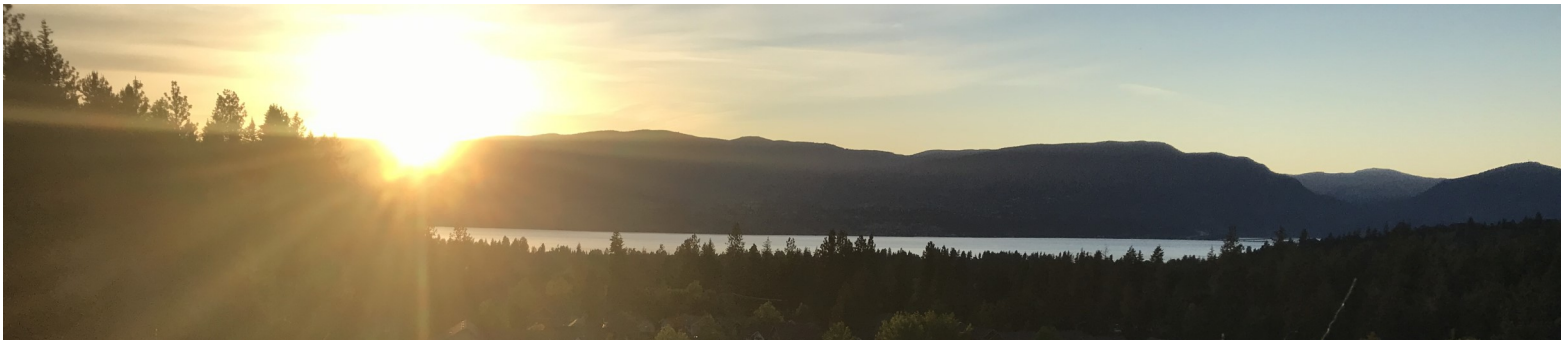
If the Board is unable to access revenue anticipation borrowing, the alternative cash flow management options include:

- 1) Increase tax requisitions to build reserves back to levels that allow the program to fund operations from existing cash surplus until tax requisitions are received in August; or,
- 2) Request an advance on tax requisitions from the regional district partners.

REQUESTED RESOLUTION

The SIR Program seeks the support of the Regional District partners to authorize their own cashflow management through revenue anticipation borrowing, rather than through the alternate options provided above. Authorization by the Regional Districts can be provided through the resolution provided below:

THAT the Regional District Board support OKSIR Board to authorize, by bylaw, a cashflow management program that mirrors the revenue anticipation borrowing authority granted to local governments under the Local Government Act s. 404, such that borrowed funds may only be used to cover current-year operating expenditures included in OKSIR's Five-Year Financial Plan, to a maximum of the amount owing to the OKSIR from the current-year tax requisitions.



Okanagan Basin
WATER BOARD

BOARD REPORT: June 3, 2020

1450 KLO Road, Kelowna, BC V1W 3Z4
P 250.469.6271 F 250.762.7011
www.obwb.ca

Okanagan Basin Water Board Meeting Highlights

OBWB Directors

Sue McKortoff - Chair,
Regional District of Okanagan-Similkameen

Cindy Fortin - Vice-Chair,
Regional District of Central Okanagan

Victor Cumming, Regional
District of North Okanagan

Rick Fairbairn, Regional
District of North Okanagan

Bob Fleming, Regional District
of North Okanagan

James Baker, Regional
District of Central Okanagan

Colin Basran, Regional District
of Central Okanagan

Toni Boot, Regional District of
Okanagan-Similkameen

Rick Knodel, Regional District
of Okanagan-Similkameen

Chris Derickson, Okanagan
Nation Alliance

Bob Hrasko, Water Supply
Association of B.C.

Denise Neilsen, Okanagan
Water Stewardship Council

The next regular meeting of
the OBWB will be 10 a.m.
Tuesday, July 7, 2020.
Location to be determined.

Water Board repeats call to Province to improve groundwater licencing: Directors voted to send a letter to the B.C. Government, urging them to step up efforts to licence existing groundwater users. Groundwater licencing was key in moving from the century old B.C. Water Act to the new Water Sustainability Act in 2016, recognizing that it would help users and decision makers better understand B.C.'s water use and manage it during scarcity. In fall 2018, the OBWB pushed for an extension to help more users register and the province extended the deadline to March 2022. However, only about 4,000 of 20,000 groundwater users have applied to-date. The board's letter will include recommendations, including better communication to potential applicants. More info on the importance of licencing can be found at <https://www.obwb.ca/well/>.

Board moves forward on Indigenous reconciliation: The board accepted a staff report on the UN Declaration on the Rights of Indigenous People and Canada's Truth and Reconciliation Commission Calls for Action, as it relates to water. The report is consistent with the goals in the OBWB's recently adopted "Strategic Plan – 2020-2024." The board and staff will be embarking on an education process to advance reconciliation with Okanagan Indigenous communities. The Strategic Plan is available at <https://bit.ly/3eJeSxw>.

Virtual events planned to wrap 2020 B.C. AquaHacking Challenge: The board heard that after a successful virtual semi-final in late March, the B.C. AquaHacking (AH) Challenge Final will be held online on June 25. As part of the lead-up to the final, there will be a screening of "Brave Blue World" on June 19. The film, like the AH Challenge itself, focuses on tech solutions to today's water issues. More details will be available soon at www.OBWB.ca and on our Facebook page www.facebook.com/OkWaterWise.

Okanagan mayors sharing water-saving videos from home: An update was provided on the launch of the OBWB-Okanagan WaterWise's annual outdoor water conservation campaign, "Make Water Work." Due to COVID-19 and the difficulties with an in-person, public launch, Okanagan mayors submitted videos of themselves pledging to Make Water Work (MWW) and taking actions to conserve water in their yards, recognizing the hot summer ahead. The campaign, delivered in partnership with Okanagan local governments and water utilities, includes an expanded MWW Plant Collection and 10 garden centres promoting the collection, encouraging residents to make WaterWise plant choices. Details at www.MakeWaterWork.ca. The mayor's video is at <https://youtu.be/Xv4evZNbeWM>.

Long-anticipated Okanagan flood maps unveiled: After two years of effort, and with the help of many partners, new Okanagan flood maps are complete. The maps are the cornerstone of a new website at www.OkanaganFloodStory.ca. Visitors to the site will also find information on the Okanagan's flood history, how climate change is effecting flooding, how to reduce risk, prepare and more. The board learned that one of the partners, Regional District of Central Okanagan, has received a "Community Excellence Award for Environmental Sustainability" from the Southern Interior Local Government Association for the collaborative project.



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

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

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

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

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.

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 gases 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.

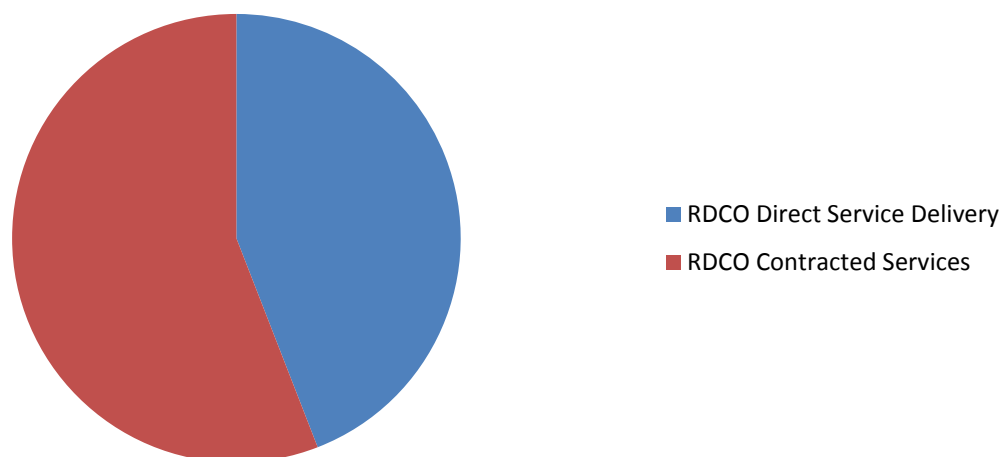
Adaptation Action #3

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 CO₂e, 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

Regional District of Central Okanagan Climate Action Revenue Incentive Program (CARIP)

Public Report, 2019



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Introduction

The BC 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 BC 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.



Organizational Context

The Regional District of Central Okanagan (RDCO) is a signatory of the BC Climate Action Charter, and therefore, eligible to apply for a grant under the CARIP program. The RDCO serves well over 100,000 Okanagan residents and is committed to making progress in reducing greenhouse gas emissions by consistently reporting progress towards carbon neutrality. The following Report is based on the "2019 Climate Action Revenue Incentive Program (CARIP) Survey". This Report outlines specific actions taken by the RDCO in 2019 to support progress towards carbon neutrality.

The RDCO's commitment to the BC Climate Action Charter is continued through the new Regional Board Strategic Priorities Plan (2019-2022). The Strategic Priorities Plan supports the creation of compact, complete, and energy-efficient communities by prioritizing transportation and mobility, sustainable communities, economic development, and the environment.

Specific actions noted in the plan include:

- Strengthening the linkage between land use and transportation in the Regional Growth Strategy,
- Completing the Regional Transportation Plan,
- Advancing the inter-regional Rail Trail Corridor initiative,
- Developing best practices to encourage housing innovation and the adoption of sustainable building standards (e.g., BC Energy Step Code), and
- Exploring regional waste-to-energy opportunities and an approach to single use plastics pursuant to the Solid Waste Management Plan.

In 2019, the Regional District supported progress towards clean, compact and, energy-efficient communities with the following activities:

- The coordination, policy development, and implementation of region-wide comprehensive planning,
- The implementation, monitoring and review of the Regional Growth Strategy (RGS),
- The continued implementation of the Biodiversity Conservation Strategy and related projects with the Okanagan Collaborative Conservation Program (OCCP),
- The continued participation in regional initiatives and programs, such as the Sustainable Transportation Planning Committee including STPCO, the Central Okanagan Planning Study (COPS), the Peachland Transportation Study, and the Regional Air Quality Technical Committee,
- Continued public engagement, information is provided and sought through public meetings, workshops, information sessions, brochures, the RDCO website, and social media,
- The hosting of waste reduction events such as the annual Repair Café and the Trunk Sale, which provide opportunities to keep our communities clean by encouraging the recycling and reuse of day-to-day items,
- Participation in the Climate Projections Report in collaboration with the Regional District of North Okanagan and South Okanagan-Similkameen,
- The completion of a Regional Housing Needs Assessment and the expansion of the Regional Planning Lab Initiative,

- The development of park trails, which provide opportunities for the use of more energy-efficient modes of transportation such as cycling and walking.



2019 Corporate Climate Action

Corporate climate actions refer to actions that reduce the GHG emissions produced as a result of a local government's delivery of "traditional services," including fire protection, solid waste management, recreational/cultural services, road and traffic operations, water and wastewater management, and local government administration.

In 2019, when it comes to corporate climate action, did your local government undertake any of the following (please select all that apply):

- ☒ Building and Lighting Actions
- ☒ Energy Generation Actions
- ☒ Greenspace Actions
- ☒ Planning Actions
- ☒ Solid Waste Actions
- ☒ Transportation Actions
- ☒ Water and Wastewater Actions
- ☐ Other Climate Actions (PLEASE SPECIFY)
- ☐ Don't know

Corporate Building and Lighting Actions:

When it comes to corporate Building and Lighting Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ New or upgraded energy-efficient lighting systems
- ☒ New or upgraded energy-efficient heating systems
- ☐ New or upgraded building envelope initiatives
- ☒ Upgrades to amenities in recreation facilities
- ☒ Studies related to building and/or lighting energy efficiency
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Undertook Energy-Efficient Retrofits

- The continued renewal of interior and exterior lighting systems at both the Environmental Education Centre for the Okanagan (EECO) at Mission Creek Park and the Westside Wastewater Treatment Plant (WWTP), systems were upgraded to energy-efficient LED lighting. Lighting upgrades to facilities continue as needed.
- The RDCO continued the installation and renewal of energy-efficient elements in RDCO facilities, including auto shut-off light switches, hot water tanks, and the planning and installation of energy-efficient HVAC systems.

Corporate Energy Generation Actions:

When it comes to corporate Energy Generation Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ Solar power projects
- ☐ Heat recovery or heat reclamation projects
- ☐ Biomass or bio-gas projects
- ☐ Geo-exchange or geothermal projects
- ☐ Studies related to energy generation
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Incorporated Solar Power

- In 2019, Regional Parks completed phase 2 of the solar-powered park entrance gate project. Parks Services also installed solar mobile device charging stations in Mission Creek Regional Park.

Corporate Greenspace Actions:

When it comes to corporate Greenspace Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ Tree planting
- ☒ Greenspace acquisition
- ☒ New or upgraded amenities in parks
- ☒ Invasive species management
- ☒ Plans or strategies related to greenspace
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

Greenspace initiatives included tree planting, upgrades in parks, post-flooding restoration, invasive species management, and land acquisition, plans, or strategies related to greenspace.

In 2019 the Regional District:

Continued the protection of Wetlands, Waterways, and Other Naturally Occurring Features

- The RDCO continued the enforcement of Environmental Development Permit Areas under multiple Official Community Plans and one Rural Land Use Bylaw for the protection of the natural environment or protection of development from hazardous conditions.
- The continued the collaborative implementation of both the Provincial Riparian Area Protection Regulations and the Biodiversity Conservation Strategy.
- The Regional District continued the advancement of foreshore and riparian management, including mapping, capacity, and outreach activities.

Developed Parks and Restored Infrastructure and Natural Assets

- The RDCO developed parks trails, including the Goats Peak Regional Park Summit Trail, the Tower Ranch Trail in Black Mountain Regional Park (connection to other parks), and an accessible path in Mission Creek Regional Park.
- The Regional District continued post-flooding and landslide restoration projects, including the ecological restoration of a streamside landslide in Johns Family Nature Conservancy Regional Park, the realignment of flood-damaged Mission Creek Greenway Regional Park Trail, and the repairs to foreshore damage at Okanagan Centre Safe Harbour Regional Park and Killiney Beach Community Park. Further activities due to flood damage included repairs to the Bellevue Creek intake and the replacement of two flood-damaged bridges in Hardy Falls Regional Park.

Continued Protective Works

- Streambank protection for the Woodhaven Nature Conservancy Regional Park and surrounding area;
- Streambank erosion repairs incorporating ecological restoration and bioengineering to support staircase in Glen Canyon Regional Park; and
- The reinforcement of fencing around the ephemeral ponds in Black Mountain Regional Park, which protects the Great Basin Spadefoot Toad.

Consulted the Community

- Mission Creek Regional Park Management Plan Online Survey conducted from September 20 to October 4, 2019. Public Engagement occurred on September 27, 2019, at the Mission Creek Regional Park, followed by an Open House on December 4, 2019.

Corporate Planning Actions:

When it comes to corporate Planning Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Energy/Emissions Management Plan (New or Updated)
- ☐ Asset Management Plan (New or Updated)
- ☐ Corporate Climate Action Plan (New or Updated)
- ☒ Strategic Plan (New or Updated)
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Initiated a Park Management Plan (Mission Creek)

- The Regional District commenced a Park Management Plan for Mission Creek Regional Park, to guide the use and development of the park; this project will extend into 2020.

Continued Monitoring

- The Regional District completed, in collaboration with member municipalities, the Regional Growth Strategy Monitoring Program. The Program provides the foundation for the on-going monitoring and evaluation of the Regional Growth Strategy through the implementation of progress monitoring measures.
- The RDCO continued the monitoring and measurement of park usage via a Visitor Use Metrics Data Collection process.

Continued Asset Management

- The RDCO continued the implementation of asset renewal strategies across all asset classes. Capital asset renewal actions are made in alignment with the strategic priorities and approved through the adoption of the budget bylaw.
- Staff from various departments participated in asset management training.
- The Regional District continues to strengthen the connection between operations, maintenance, asset lifecycle activities and long-term financial planning.



Continued Capacity Building (Energy and Emissions Management)

- The RDCO reviewed opportunities to further energy and emissions management, including the FortisBC Climate Action Partners Program (Senior Energy Specialist), various GHG emission reduction strategies, as well as alternative energy projects.

Participated in the Okanagan-Wide Climate Projections Report

- The RDCO 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.

Corporate Solid Waste Actions:

When it comes to corporate Solid Waste Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Introduction, expansion or improvement of recycling initiatives at corporate facilities
- ☐ Introduction, expansion or improvement of composting initiatives at corporate facilities
- ☒ Communication or education for staff related to corporate solid waste initiatives
- ☐ Studies or research related to corporate solid waste initiatives
- ☐ Plans or strategies related to corporate solid waste initiatives
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Partnered in the Use of Compressed Natural Gas (CNG) Trucks

- The RDCO, in partnership with member municipalities, commenced the use of compressed natural gas (CNG) trucks for garbage, recycling, and yard waste collection. The use of CNG trucks is positive for the reduction of GHG emissions.

Continued Promoting Waste Reduction

- Waste reduction actions included the distribution of recycling reference materials and the promotion of reduction events such as the repair café, the trunk sale, and free tire collection.

Continued Recycling

- RDCO staff participated in the separation of recyclables from waste streams in all major office facilities, including the KLO Administrative Building and parks offices.

Corporate Transportation Actions:

When it comes to corporate Transportation Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ Fleet replacement or upgrades
- ☐ New or improved electric vehicle initiatives
- ☐ New or improved active transportation infrastructure for staff
- ☐ Communication or outreach for staff related to corporate transportation initiatives
- ☐ New or improved public transportation initiatives for staff
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

Corporate Water and Wastewater Actions:

When it comes to corporate Water and Wastewater Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ New or improved water or wastewater infrastructure
- ☐ Studies or research related to water conservation
- ☐ Plans or strategies related to water or wastewater
- ☒ Water reduction initiative(s)
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know



In 2019 the Regional District:

Adapted Park Trails

- RDCO 2019 water-related strategies included the addition of trail grading and controls, by Parks Services, within the trail systems. Trail grading and controls promote natural infiltration and minimize erosion.

Changed Biosolids Disposal Processes

- The District has new agreements in place which allow for a portion of the biosolids produced at the Westside Wastewater Treatment Plant to be utilized in BC. The local processing of biosolids shortens the overall trucking route, which is positive for the reduction of GHG emissions.

Undertook Water and Wastewater Actions

- The District continued implementing the RDCO Water Conservation Plan, which was updated in 2018. Water conservation initiatives include:
 - Information sharing: RDCO has to date implemented sprinkling restrictions and has included water conservation-related pamphlets with utility bills and applicable information on the website. Further tips to our water customers on water conservation are included in the Water Talk Newsletter. The newsletter is sent out to all RDCO water customers each spring and fall, discussing system updates, new construction and conservation tips and ideas. Also, the RDCO website is updated regularly with new information. Each water system has a dedicated webpage providing system-specific updates and information.
 - Consumption Fee: The four-tiered rate consumption fee promotes water conservation in all the RDCO water systems.
 - Universal Metering: The RDCO has completed installing water meters to all active customers.
 - Leak Detection: The RDCO resources and undertakes leak detection projects annually.

Outdoor Irrigation: Restrictions are effective for customers of RDCO water systems as follows:

Stage 1 Alternate Days Sprinkling:	
Effective	September 16th to June 15th, unless Notice of Stage 3 or 4 in Effect
Even numbered addresses:	<i>Sprinkling</i> is only permitted on Even Calendar Days
Odd numbered addresses:	<i>Sprinkling</i> is only permitted on Odd Calendar Days
Stage 2 Twice a Week Sprinkling:	
Effective	June 16th to September 15th, unless Notice of Stage 3 or 4 in Effect
Even numbered addresses:	<i>Sprinkling</i> is only permitted on Saturdays & Tuesdays
Odd numbered addresses:	<i>Sprinkling</i> is only permitted on Sundays & Wednesdays
Stage 3 Restriction Period - Once a Week Sprinkling:	
Effective	Upon Notice Issued by <i>Regional District Officer</i>
Even numbered addresses:	<i>Sprinkling</i> is only permitted on Saturdays
Odd numbered addresses:	<i>Sprinkling</i> is only permitted on Sundays
Stage 4 Restriction Period – No Sprinkling:	
Effective	Upon Notice Issued by <i>Regional District Officer</i>

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).

2019 COMMUNITY-WIDE CLIMATE ACTION

Community-wide actions refer to actions that reduce GHG emissions across the community (i.e. actions not related to "traditional services" corporate operations). In 2019, this included actions pertaining to building and lighting, greenspace, planning, solid waste, transportation, water and wastewater.

When it comes to community-wide climate action in 2019, did your local government undertake any of the following (please select all that apply):

- ☒ Building and Lighting Actions
- ☐ Energy Generation Actions
- ☒ Greenspace Actions
- ☒ Planning Actions
- ☒ Solid Waste Actions
- ☒ Transportation Actions
- ☒ Water and Wastewater Actions
- ☐ Other Climate Actions (PLEASE SPECIFY)
- ☐ Don't know

Community-Wide Building and Lighting Actions:

When it comes to community-wide Building and Lighting Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ New or upgraded energy-efficient lighting systems
- ☐ New or upgraded energy-efficient heating systems
- ☐ BC Energy Step Code related projects
- ☒ Incentives/rebate programs related to energy-efficient building or lighting
- ☒ Outreach, education or communication related to energy-efficient building or lighting
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

Community-Wide Energy Generation Actions:

When it comes to community-wide Energy Generation Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Solar power projects
- ☐ Heat recovery or heat reclamation projects
- ☐ Landfill gas capture/utilization projects
- ☐ Micro-hydro projects
- ☐ Studies or research related to energy generation
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

Community-Wide Greenspace Actions:

When it comes to community-wide Greenspace Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Tree planting
- ☐ Greenspace restoration or maintenance
- ☐ Greenspace acquisition
- ☒ Invasive species management
- ☐ Plans or strategies related to greenspace
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Continued Community-Wide Greenspace Actions

- The RDCO continued the updating of environmental inventory and mapping.
- The Regional District continued the advanced foreshore and riparian management, mapping, capacity, and outreach activities.
- The organization continued the collaborative exploration of options for increased shoreline management of Okanagan Lake at a multi-jurisdictional level.
- The RDCO continued the implementation of the Provincial Riparian Area Protection Regulations.

- The Regional District continued participation in the Water Stewardship Council and related projects with the Okanagan Basin Water Board (OBWB). The RDCO also collaborated with OBWB on the Hydrometric Monitoring Partnership.
- The Regional District continued the implementation of the Biodiversity Conservation Strategy and related projects with the Okanagan Collaborative Conservation Program (OCCP).
- The organization participated in the Water Stewardship Council and related projects with Okanagan Basin Water Board.
- Actively participated in advancing the protection of the identified Ecosystem Connectivity Corridor from Okanagan Mountain Provincial Park to Kalamalka Lake Provincial Park.
- Collaborated with the OBWB on the Hydrometric Monitoring Partnership.

Promoted Healthier Greenspaces

- The RDCO continued the promotion of educational materials regarding noxious weeds and invasive weed species.
- The Regional District continued enforcing Bylaw No. 179. The Bylaw requires property owners within the Regional District of Central Okanagan electoral areas, the City of Kelowna, District of Lake Country and District of Peachland to prevent the growth of noxious weeds and tall grasses. The Bylaw also requires property owners to provide for the cutting or destruction of noxious weeds and tall grasses.

Community-Wide Planning Actions:

When it comes to community-wide Planning Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Official Community Plan (New or Updated)
- ☐ Climate Action Plan (New or Updated)
- ☐ Regional Growth Strategy (New or Updated)
- ☐ New or updated Bylaw (s) or zoning addressing climate issues
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Continued Community-Wide Planning

- Community Services explored opportunities to the review and revision of Official Community Plans;
- The RDCO continued to implement Phase 2 of the Regional Floodplain Management Plan;
- The Regional District coordination, policy development, and implementation for region-wide Comprehensive Planning;
- The RDCO promoted coordinated planning that addresses issues affecting all levels of local and First Nations governments within the Central Okanagan. Collaborative planning is

essential in the management of growth and the support of human settlement that is socially, economically, and environmentally sustainable.

- The RDCO continued to develop enhanced communication, coordination, and collaboration among the various levels of government, First Nations, and the public to build an understanding and an awareness of regional growth impacts.
- The organization continued the implementation of the Regional Growth Strategy (RGS):
 - Participated in a joint planning approach among all levels of government to identify appropriate courses of action to manage growth within the key issue areas of the Regional Growth Strategy, and
 - The Regional District, in collaboration with member municipalities, completed the Regional Growth Strategy Monitoring Program. The Program provides the foundation for on-going monitoring and evaluation of the Regional Growth Strategy through the development of a set of measures that can be used to monitor progress.
- The RDCO 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. The Climate Projections Report is intended 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 Solid Waste Actions:

When it comes to community-wide Solid Waste Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☒ Introduction, expansion or improvement of recycling initiatives
- ☐ Introduction, expansion or improvement of composting initiatives
- ☒ Community clean-up initiatives
- ☒ General waste reduction initiative (including landfill diversion strategies)
- ☒ Outreach, education or communication related to solid waste
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know



In 2019 the Regional District:

Further Solid Waste Actions taken in 2019 include:

- Collaborated with member municipalities to secure a new curbside collection contract for the region. The new fleet of collection trucks is fueled with compressed natural gas rather than diesel;
- Continued to host community reduction events such as The Repair Café, The Trunk Sale, and Used Tire Collection,

- The RDCO continued on-going initiatives such as Community Cleanup, Household Hazardous Waste Collection, and Illegal Dump Clean-up.
- The Regional District continued the public promotion and distribution of FreeGarden Earth composters, rain barrels, and animal waste green cones.

Community-Wide Transportation Actions:

When it comes to community-wide Transportation Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ New or improved active transportation infrastructure
- ☐ New or improved public transportation initiatives
- ☐ New or improved electric vehicle initiatives
- ☐ Outreach, education or communication related to transportation
- ☐ Plans or strategies related to transportation
- ☒ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Participated in Regional Programs

- The RDCO continued participation with the Sustainable Transportation Partnership of the Central Okanagan. The organization coordinates the regional delivery of sustainable transportation programs and projects in support of common regional policies, plans and interests (economic, social and environmental).
- The Regional District continued the discouragement of vehicle idling in collaboration with the Regional Air Quality Coordinator. Idling information and links to further educational materials are provided on the RDCO website.

Community-Wide Water and Wastewater Actions:

When it comes to community-wide Water and Wastewater Actions, did your local government undertake any of the following in 2019 (please select all that apply):

- ☐ Water restrictions
- ☐ Incentives/rebate programs related to water or wastewater
- ☒ Outreach, education or communication related to water or wastewater
- ☒ Studies or research related to water or wastewater
- ☐ Plans or strategies related to water or wastewater
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019 the Regional District:

Participated in Wastewater Research

- The Regional District participated, as a collaborative research partner, in the UBC Bioreactor Technology Group's: Community Driven Biosolids Research, forming the UBC Okanagan & Regional District of Central Okanagan NSERC Collaborative Research Development Partnership. The research hopes to solve challenges associated with Biosolids. Biosolids are a byproduct of the wastewater process.

Promoted Water Conservation

- The RDCO continued the provision of water conservation tips on the RDCO website.
- The Regional District promoted and distributed FreeGarden Rain Barrels.

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.

2019 Climate Preparedness and Adaptation Action:

Climate Impacts:

Please identify the climate impacts that are most relevant to your local government (please select all that apply):

- ☒ Increased temperatures increasing wildfire activity
- ☒ Extreme weather events contributing to urban and overland flooding
- ☒ Changes to temperature and precipitation causing seasonal drought
- ☒ Warmer winter temperatures reducing snowpack
- ☐ Sea level rise and storms causing coastal flooding and/or erosion
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019, did your local government take any of the following actions in an effort to consider or address the impacts of climate change? (please select all that apply)

- ☒ Emergency response planning
- ☒ Asset management
- ☒ Infrastructure upgrades
- ☒ Public education and awareness
- ☒ Strategic and financial planning
- ☒ Risk and vulnerability assessments
- ☐ Risk reduction strategies
- ☐ Official Community Plan policy changes
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

In 2019, did your local government partnered with any of the following organizations to prepare for and adapt to a changing climate? (please select all that apply)

- ☐ Adaptation to Climate Change Team (SFU)
- ☐ Columbia Basin Trust
- ☒ Community Emergency Preparedness Fund (UBCM)
- ☒ Federation of Canadian Municipalities
- ☒ Fraser Basin Council
- ☒ Pacific Institute for Climate Solutions (UVIC)
- ☐ Other (PLEASE SPECIFY)
- ☐ Don't know

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.

Section 3: 2019 Carbon Neutral Reporting

Local governments are required to report on their progress in achieving their carbon-neutral corporate goal under the BC Climate Action Charter. Working with BC local governments, the joint Provincial-UBCM Green Communities Committee has established a common approach to determining corporate carbon neutrality for the purposes of the Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Please note: As a result of the BC Recycling Regulation, local governments are no longer required to account for GHG emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper in their annual CARIP reports.



2019 Carbon Emissions

Did your local government measure corporate GHG emissions for 2019?

- ☒ Yes
- ☐ No
- ☐ Don't Know

If your local government measured 2019 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent (tCO₂e)) from:

Service Delivery Type	2019 Corporate GHG Emissions
Services Delivered Directly by your Local Government	672
Contracted Services	852

Total A - Corporate GHG Emissions (Direct + Contracted) For 2019: **1,524**

2019 Carbon Reductions

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2019 by one or a combination of the following actions:

Undertake Green Communities Committee-supported Option 1 Project(s)

Undertake Green Communities Committee-supported Option 2 Project(s)

Purchase carbon offsets from a credible offset provider

For more information about options to balance or offset corporate GHG emissions, please refer to *Becoming Carbon Neutral: A Guidebook for Local Governments in British Columbia*.

If applicable, please report the 2019 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from any of the following Option 1 GHG Reduction Projects:

Option 1 GHG Reduction Projects	2019 GHG Emissions Reductions
1A Energy Efficiency Retrofits	
1B Solar Thermal	
1C Household Organic Waste	
1D Low Emission Vehicles	
1E Avoided Forest Conversion	
1F Trenchless Technology	

TOTAL B - Reductions From All Option 1 Projects For 2019: 0

If applicable, please report the names and 2019 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 2 GHG Reduction Projects:

	Names of Option 2 GHG Reduction Projects	2019 GHG Emissions Reductions
1.		
2.		
3.		
4.		
5.		
6.		

TOTAL C - Reductions From All Option 2 Projects For 2019: 0

2019 Carbon Offsets

If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO₂e)) from an offset provider for the 2019 reporting year:

	Name of Offset Provider	Name of Project	2019 GHG Emissions Reductions
1.			
2.			
3.			
4.			
5.			
6.			

Total D - Offsets Purchased For 2019: **0**

Total Reductions and Offsets For 2019 (Total B+C+D): **0**

Corporate GHG Emissions Balance for 2019

Your local government's corporate GHG emissions balance is the difference between total corporate offsetable GHG emissions (direct + contracted emissions) and the GHG emissions reduced through Green Communities Committee Option 1 and Option 2 projects and/or the purchase of offsets.

Corporate GHG Emissions Balance For 2019 = (Total A – (B+C+D)): **1,524**

If your corporate GHG emissions balance is negative or zero, your local government is carbon neutral. CONGRATULATIONS!

If your local government was carbon neutral in 2019, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2019 100 tCO₂e):

	Source of Carryover Emission Reduction	Year Earned	GHG Emissions Reductions
1.			
2.			
3.			
4.			
5.			
6.			

Total E - Balance of Reductions Eligible for Carry Over to Next Year:

Green Communities Committee Climate Action Recognition Program:

The joint Provincial-UBCM Green Communities Committee is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the Green Communities Committee with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory.

Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

- Level 1 - Demonstrating Progress on Charter Commitments: For local governments who demonstrate progress on fulfilling one or more of their Charter commitments.
- Level 2 - Measuring GHG Emissions: For local governments that achieve Level 1, who measure their corporate GHG emissions for the reporting year and demonstrate that they are familiar with their community's energy and emissions inventory (i.e. CEEI).
- Level 3 - Accelerating Progress on Charter Commitments: For those local governments who have achieved Level 1 and 2 and demonstrate significant action (corporately or community-wide) in reducing GHG emissions in the reporting year (e.g. through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).
- Level 4 - Achievement of Carbon Neutrality: For local governments who achieve corporate carbon neutrality in the reporting year.

Based on your local government's 2018 CARIP Climate Action/Carbon Neutral Progress Survey, please check the Green Communities Committee Climate Action Recognition Program level that best applies:

- ☐ Level 1 – Demonstrating Progress on Charter Commitments
- ☒ Level 2 – Measuring GHG Emissions
- ☐ Level 3 – Accelerating Progress on Charter Commitments
- ☐ Level 4 - Achievement of Carbon Neutrality
- ☐ Don't know

Related to Level 3 recognition, if applicable, please identify any new or on-going corporate or community-wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time and/or financial resources and is intended to result in significant GHG reductions:

In 2019 the RDCO considered and researched various energy and emission management projects, including solar projects, the addition of a FortisBC Senior Energy Specialist to our team, and greenhouse gas reduction strategies. No new projects were started in 2019.

Does your local government set aside funds in a climate reserve fund or similar?

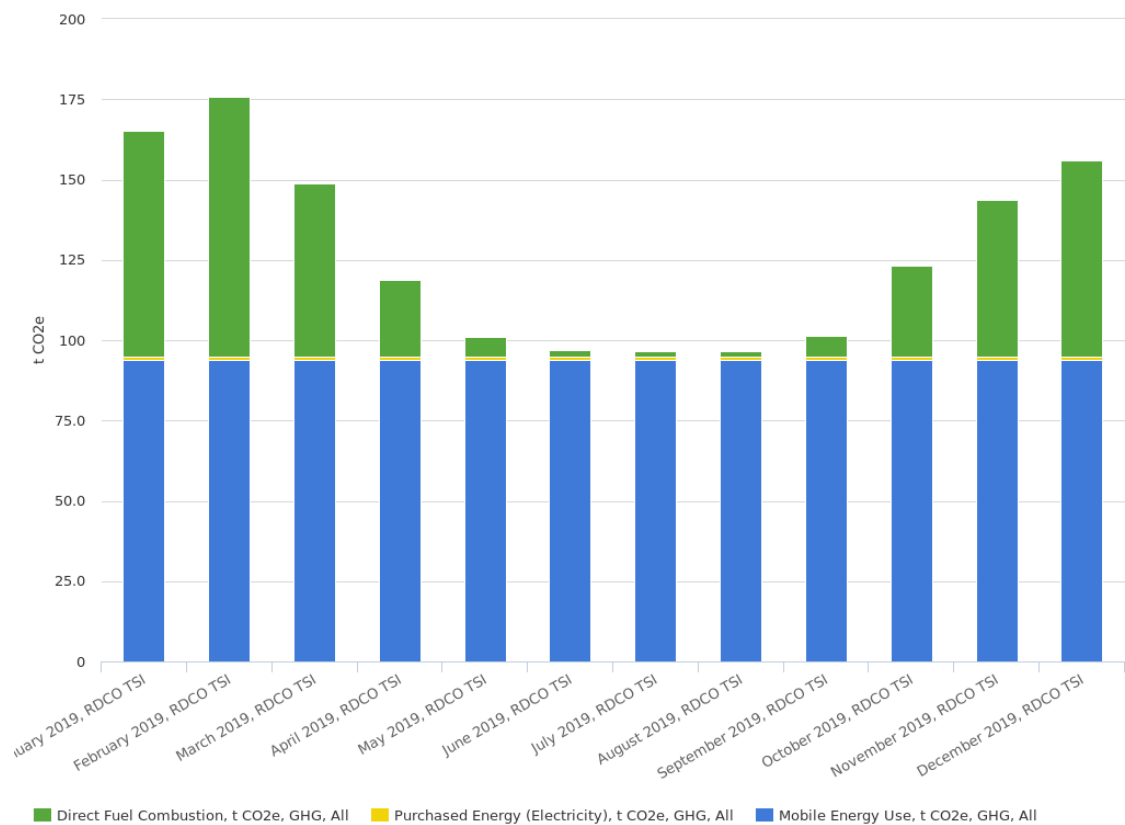
- ☐ Yes
- ☒ No
- ☐ Don't know



2019 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	Regional District of Central Okanagan
<u>Reporting Year:</u>	Calendar Year 2019
<u>Inventory Scope:</u>	BC Traditional Services Inventory "TSI"
<u>Quantification Methodology:</u>	2019 B.C. Best Practices Methodology for Quantification GHG Emissions, Local Governments & Public Sector Organizations
<u>System Support:</u>	SoFi GHG Reporting by GHG Accounting Services
<u>Data collection:</u>	Regional District of Central Okanagan
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 1,524 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	Regional District of Central Okanagan TSI
Natural Gas Stationary [GJ]	7,468
Propane [l]	8,291
Electricity [kWh]	4,909,690
Gasoline [l]	95,524
Diesel [l]	345,837
Natural Gas Mobile [l]	2,858

Scope 1:

	Regional District of Central Okanagan TSI				
	GJ, Energy	t CH ₄	t N ₂ O	t CO ₂	t CO ₂ e, GHG, Scope 1
Direct Fuel Combustion	7,678	0.007657	0.007623	383	385
Mobile Energy Use	16,499	0.044979	0.072019	1,103	1,126
Total	24,177	0.052636	0.079643	1,486	1,511

Scope 2:

	Regional District of Central Okanagan TSI	
	kWh	t CO ₂ e, GHG, Scope 2
Purchased Energy (Electricity)	4,909,690	13

Biogenic GHG Emissions:

	Regional District of Central Okanagan TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG, All
Direct Fuel Combustion			
Mobile Energy Use		41.4	41.4
Total		41.4	41.4

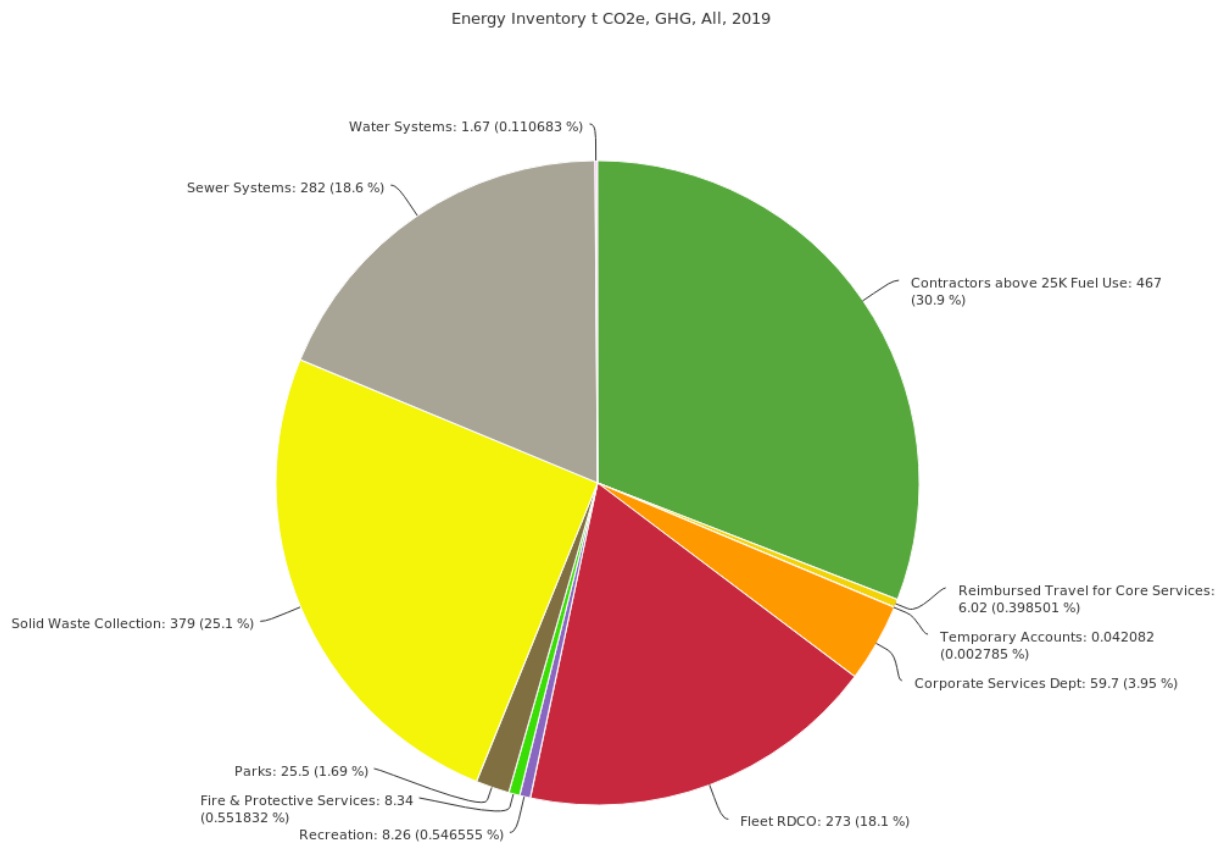
Totals by Service Delivery:

	RDCO Delivered Directly	RDCO Contracted Services	Total
	Energy Inventory	Energy Inventory	
	t CO ₂ e, GHG, All	t CO ₂ e, GHG, All	
2019	672	852	1,524

Summary:

	2019	
	Energy Inventory t CO ₂ e, GHG, All	Total
Regional District of Central Okanagan Corporate TSI	1,524	<u>1,524</u>

Overview by Service Areas:

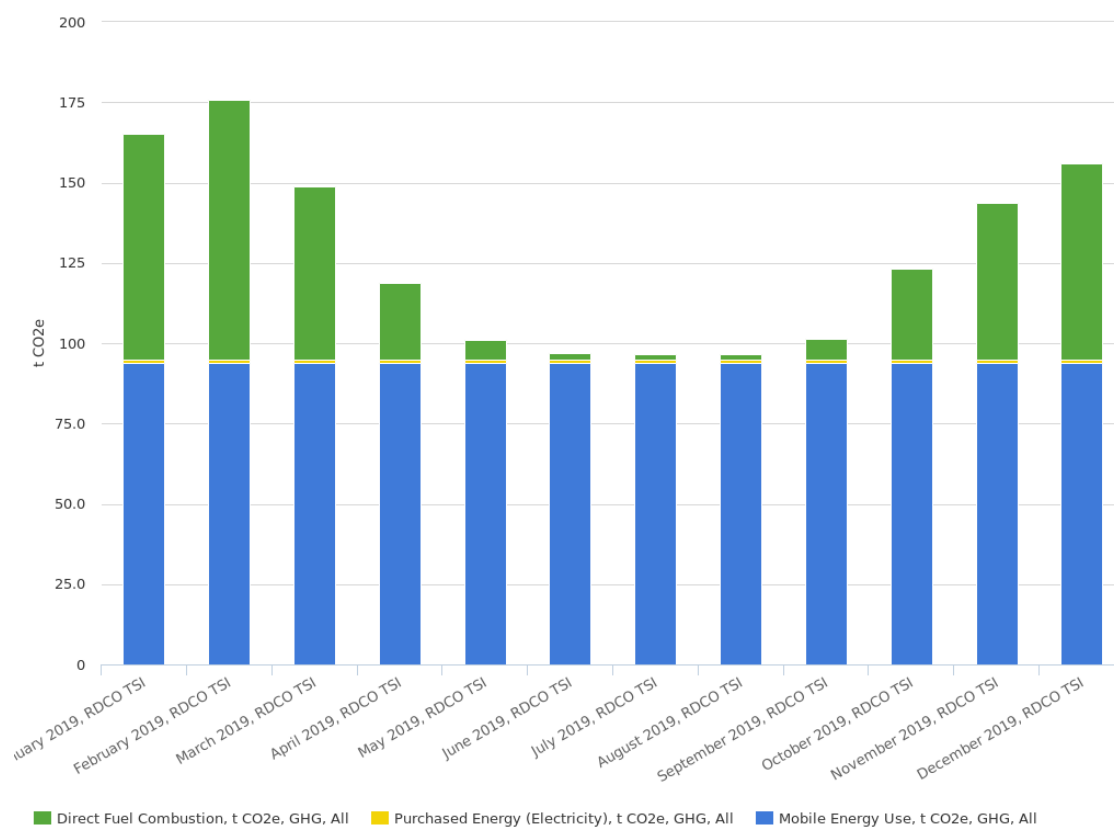




2019 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	Regional District of Central Okanagan
<u>Reporting Year:</u>	Calendar Year 2019
<u>Inventory Scope:</u>	BC Traditional Services Inventory "TSI"
<u>Quantification Methodology:</u>	2019 B.C. Best Practices Methodology for Quantification GHG Emissions, Local Governments & Public Sector Organizations
<u>System Support:</u>	SoFi GHG Reporting by GHG Accounting Services
<u>Data collection:</u>	Regional District of Central Okanagan
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 1,524 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	Regional District of Central Okanagan TSI
Natural Gas Stationary [GJ]	7,468
Propane [l]	8,291
Electricity [kWh]	4,909,690
Gasoline [l]	95,524
Diesel [l]	345,837
Natural Gas Mobile [l]	2,858

Scope 1:

	Regional District of Central Okanagan TSI				
	GJ, Energy	t CH ₄	t N ₂ O	t CO ₂	t CO ₂ e, GHG, Scope 1
Direct Fuel Combustion	7,678	0.007657	0.007623	383	385
Mobile Energy Use	16,499	0.044979	0.072019	1,103	1,126
Total	24,177	0.052636	0.079643	1,486	1,511

Scope 2:

	Regional District of Central Okanagan TSI	
	kWh	t CO ₂ e, GHG, Scope 2
Purchased Energy (Electricity)	4,909,690	13

Biogenic GHG Emissions:

	Regional District of Central Okanagan TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG, All
Direct Fuel Combustion			
Mobile Energy Use		41.4	41.4
Total		41.4	41.4

Totals by Service Delivery:

	RDCO Delivered Directly	RDCO Contracted Services	Total
	Energy Inventory	Energy Inventory	
	t CO ₂ e, GHG, All	t CO ₂ e, GHG, All	
2019	672	852	1,524

Summary:

	2019	
	Energy Inventory t CO ₂ e, GHG, All	Total
Regional District of Central Okanagan Corporate TSI	1,524	<u>1,524</u>

Overview by Service Areas:

