

Climate Action Revenue Incentive Program (CARIP)

Public Report
2019



What is “CARIP”?

The Climate Action Revenue Incentive Program (CARIP) is a conditional grant program that provides funding to BC Climate Action Charter signatories equivalent to one hundred percent of the carbon taxes they pay directly. This funding supports local governments in their efforts to reduce greenhouse gas emissions and move forward on achieving their Charter goals.

Kitimat signed the Charter in 2012 and has since been tracking and reporting greenhouse gas emissions annually.



Community Information & Stats

Kitimat is a member municipality of:

The Regional District of Kitimat-Stikine

Estimated Population:

8,513

Regional Growth Strategy?

No

Date of Incorporation:

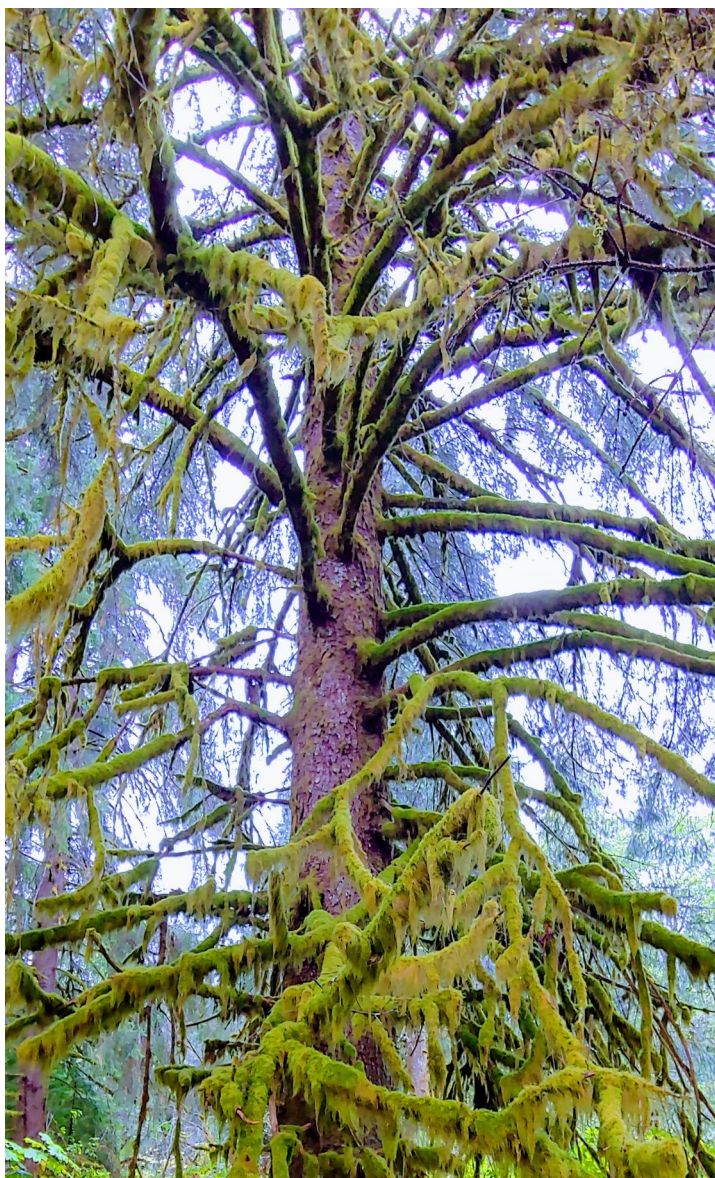
31 March 1953

Land Area:

242.6 sq km

Total Area:

340.3 sq km



Broad Planning Initiatives

Community-Wide Initiatives

Actions Taken in 2019

Leisure Services Master Plan - Engage with District of Kitimat departments and stakeholders, identify issues and opportunities to guide investment in recreation programming and infrastructure. Master Plan is in the initial planning stages.

Continued work on **Zero Waste Plan** in preparation for 2021 implementation.

Minette Bay West Park - Continued with landscaping, including walking trail, picnic area, lookout point, and parking area reflecting Greenshore principles and potential for impacts of climate change.

Actions Proposed for 2020

Minette Bay West Park - Completion of project.

Leisure Services Master Plan - Continue development and implementation of plan.

Recycling and composting implementation strategies - Adopted waste management strategy.

Energy Step Code - Continue to investigate requiring Step 3 for Multi-Family developments and incentivizing highest levels possible for residential and other types of buildings.

EV Charging Stations - Determine ideal location for EV charging stations funded through grants (BC Hydro and Charge North CleanBC).

Bicycle Master Plan - Develop Bicycle Master Plan.

Bike to Work Week - Increased promotion and publicity of campaign in the community and within organization.

Downtown Design Guidelines - Update with a pedestrian focus.

Active Transportation - Continue development of an Active Transportation Master Plan.

Corporate-Wide Initiatives

Actions Taken in 2019

Density Benefits - OCP amended to encourage developers to bring forward other amenities including but not limited to regenerative landscape design, green water management and storm water management and drainage systems, active transportation, energy efficient buildings, and electrical vehicle charging systems.

Received FCM Grant for a funded **Climate Change Specialist** position.

Ecological Restoration Reserve Fund - Bylaw established to support ecological restoration initiatives in the District of Kitimat.

Actions Proposed for 2020

Hire **Climate Change Specialist**; focus for this individual is to finalize Community Energy & Emissions Plan and Implementation Strategy.

Building & Lighting Initiatives

Community-Wide Initiatives

Actions Taken in 2019

LED Lighting Strategy - Started a standard for replacement of municipal infrastructure (street lights, walkway lighting, facilities, etc.).

Actions Proposed for 2020

LED Lighting Strategy - Finalize.

Corporate-Wide Initiatives

Actions Taken in 2019

Kitimat Ice Rink - Roof replacement - improved heat retention, minimizes need for additional energy consumption from heating/cooling of the building.

Riverlodge Recreation Centre, Tamitik Pool- Continued with conversion to LED lighting.

Riverlodge Recreation Centre - Upgraded water tank to concrete lined tank.

Actions Proposed for 2020

Recreation Facilities - Continue replacing lights at the end of their lifecycle with LED lighting.

Courthouse - Upgrade HVAC system to more efficient system.

Energy Generation

Community-Wide Initiatives

Actions Taken in 2019

No actions taken in 2019.

Actions Proposed for 2020

No actions planned for 2020.

Corporate-Wide Initiatives

Actions Taken in 2019

No actions taken in 2019.

Actions Proposed for 2020

No actions planned for 2020.

Greenspace

Community-Wide Initiatives

Actions Taken in 2019

Tree Planting - Deciduous trees were planted in greenspaces around the community.

Minette Bay West Park - See Broad Planning Initiatives.

Dog Park - Designated fenced off area for a dog park including installation of dog water fountain.

Actions Proposed for 2020

Tree Planting - Continue deciduous and coniferous tree planting in community greenspaces.

Minette Bay West Park - See Broad Planning Initiatives.

Dog Park - Continue improvements to dog park.

Corporate-Wide Initiatives

Actions Taken in 2019

Radley Park - Shoreline protection for erosion control.

Actions Proposed for 2020

Downtown Master Plan - Develop plan to improve Downtown Kitimat including parking lot greening.

Radley Park - Creation of 40 new campsites and continue improvements to the banks and shorelines for increased erosion protection.

Hirsch Creek - Build a fully accessible hiking trail.

Invasive Species - Develop an invasive species bylaw and public education program.

Solid Waste

Community-Wide Initiatives

Actions Taken in 2019

Kitimat and Kitimaat Village Spring Clean Up Week

Solid Waste Management - Development of a strategy for recycling and organics landfill diversion.

Partnered in organizing the **Kitimat River Clean Up**.

Actions Proposed for 2020

Solid Waste Management - Continue developing strategy for implementation of curbside recycling and organics collection to begin Fall 2021.

Continue to partner and organize the **Kitimat River Clean Up**.

Corporate-Wide Initiatives

Actions Taken in 2019

Grants - Continued support and grants to community organizations such as Kitimat Understanding the Environment.

Solid Waste Management - Public outreach for input on recycling and organics.

Actions Proposed for 2020

Grants - Continued support and grants to community organizations such as Kitimat Understanding the Environment.

Transportation

Community-Wide Initiatives

Actions Taken in 2019

Airport Shuttle — Community bus providing a rideshare option for seniors and those with disabilities travelling to Northwest Regional Airport.

Weekend Mountain Shuttle — Community bus providing transportation from Kitimat to Onion Lake Nordic Area and Shames Mountain during ski season.

Organized **Bike to Work/School Week**.

EV Charging Stations - Received grant for 2 new Level 2 charging station locations.

Actions Proposed for 2020

Subsidies for Shuttle—Providing a subsidy to qualifying individuals using the airport shuttle.

Continue to organize **Bike to Work/School Week**.

Bicycle Master Plan - Development of a bicycle/active transportation masterplan.

EV Charging Stations - Determine location for new charging stations and install.

Corporate-Wide Initiatives

Actions Taken in 2019

Wayfinding - Development of program.

Repaired 750 linear meters of **walkways**.

Municipal Fleet - Tier 4 engine upgrades.

Actions Proposed for 2020

Continue development of **Wayfinding** program.

Continue **walkway** repair throughout the community.

Construction of 300m of new **walkway** along Quatsino Blvd.

Installation of a **traffic control camera** at the main intersection of Haisla BLVD and Lahakas Blvd to further reduce traffic idle times at stop light.

Municipal Fleet - Continue with Tier 4 engine upgrades.

Water & Waste Water

Community-Wide Initiatives

Actions Taken in 2019

Initiated development of a **Water Conservation Plan**.

Actions Proposed for 2020

Complete **Water Conservation Plan** and consider implementation in budget deliberations.

Corporate-Wide Initiatives

Actions Taken in 2019

Pump House - Upgraded to improve efficiency.

Baxter Lift Station - Upgraded to improve efficiency.

Actions Proposed for 2020

Flood Level Mapping - Improve upon the 1980s Flood Assessment.

Water Main Pigging - Improves flow and efficiency by reducing friction in pipes.

Sewer Lining - Results in less infiltration being treated at PCC.

Continue upgrades to **Pump House** and **Lift Stations**.

Climate Change Adaptation

Community-Wide Initiatives

Actions Taken in 2019

Radley Park - Bank/shoreline protection will assist with sea-level rise and storm surges.

Minette Bay West - Design accommodates expected sea-level rise and storm surges.

Actions Proposed for 2020

Community Energy and Emissions Plan - Development and implementation of a plan to reduce greenhouse gas emissions within the community, including an updated GHG emissions reduction goal for Kitimat.

Corporate-Wide Initiatives

Actions Taken in 2019

Began hiring process for a **Climate Change Specialist** to develop a community greenhouse gas emissions reduction plan.

Actions Proposed for 2020

Hire **Climate Change Specialist** with funding from FCM grant.

Create a combined community and municipal greenhouse gas emissions reduction plan for Kitimat.

Progress Reporting

Corporate GHG Emissions in tonnes of carbon dioxide equivalent (tCO₂e)

Corporate GHG emissions from services delivered **directly** by local government **1,806.66 tCO₂e**

Corporate GHG emissions from **contract** services (Limited information available) **0 tCO₂e**

TOTAL CORPORATE GHG EMISSIONS **1,806.66 tCO₂e**

Reductions & Offsets: Not Applicable.

Climate Action Recognition Program: Level 3 - Accelerating Progress on Charter Commitments

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