

Climate Action Charter

The District of Lake Country was one of the 180 local governments, along with the Province of BC and the Union of BC Municipalities (UBCM) that signed the Climate Action Charter (CAC) tackling the challenges posed by climate change, and pledging to take action to significantly cut both corporate and community-wide greenhouse gas emissions; measure and report on the community greenhouse gas emission profile; and work to create compact, more energy efficient communities.

Carbon neutrality is based on “traditional services” which include administration and governance; drinking, storm and waste water; solid waste collection, transportation and diversion; road and traffic operations; arts, recreation and cultural services and fire protection. Emissions related to new construction, business travel, employee commuting and the external production of goods used for the services are not included. As a general guideline for measuring emissions, if the District pays for the service the District must account for the emissions related to that service.

Communities that have signed onto the CAC and thereby agree to publicly report on their climate action progress are eligible for the Climate Action Revenue Incentive Program (CARIP) grant. The following report meets the CARIP requirements to publicly report on climate actions undertaken by the District in 2016 and outlines our intended actions for 2017.



Corporate Measure

The District has updated its Corporate Carbon Neutral Action Plan which calculates the energy that is used corporately by the District and which provides for the conversion to calculate the GHG emissions produced.

Community Wide Measure

In addition to using the Community Energy and Emissions Inventory (CEEI) to measure progress, a Community Energy & Emissions Plan was prepared in 2012 by the District of Lake Country in consultation with BC Hydro and the Community Energy Association.

Plan

The District’s Official Community Plan (OCP), which was adopted in August 2010, outlines the following policies and actions to reach the goals of achieving carbon neutrality in municipal operations as per the CAC; and reducing community wide greenhouse gas emissions by 33% below 2007 levels by 2020 as per the *Local Government Act* (LGA)

- Inventory operational greenhouse gas emissions.
- Adopt a municipal sustainable purchasing policy.
- Reduce or offset operational greenhouse gas emissions.
- Identify opportunities for alternative energy creation.
- Further develop and implement the greenhouse gas emissions reduction strategy.
- Implement a greenhouse gas emissions strategy to reduce community wide emissions.
- Complete an air quality assessment and inventory.
- Participate in the Regional Air Quality Management Program.

- Investigate the feasibility of requiring major new District buildings to achieve a Leadership in Energy and Environmental Design (LEED) or equivalent green building standard.

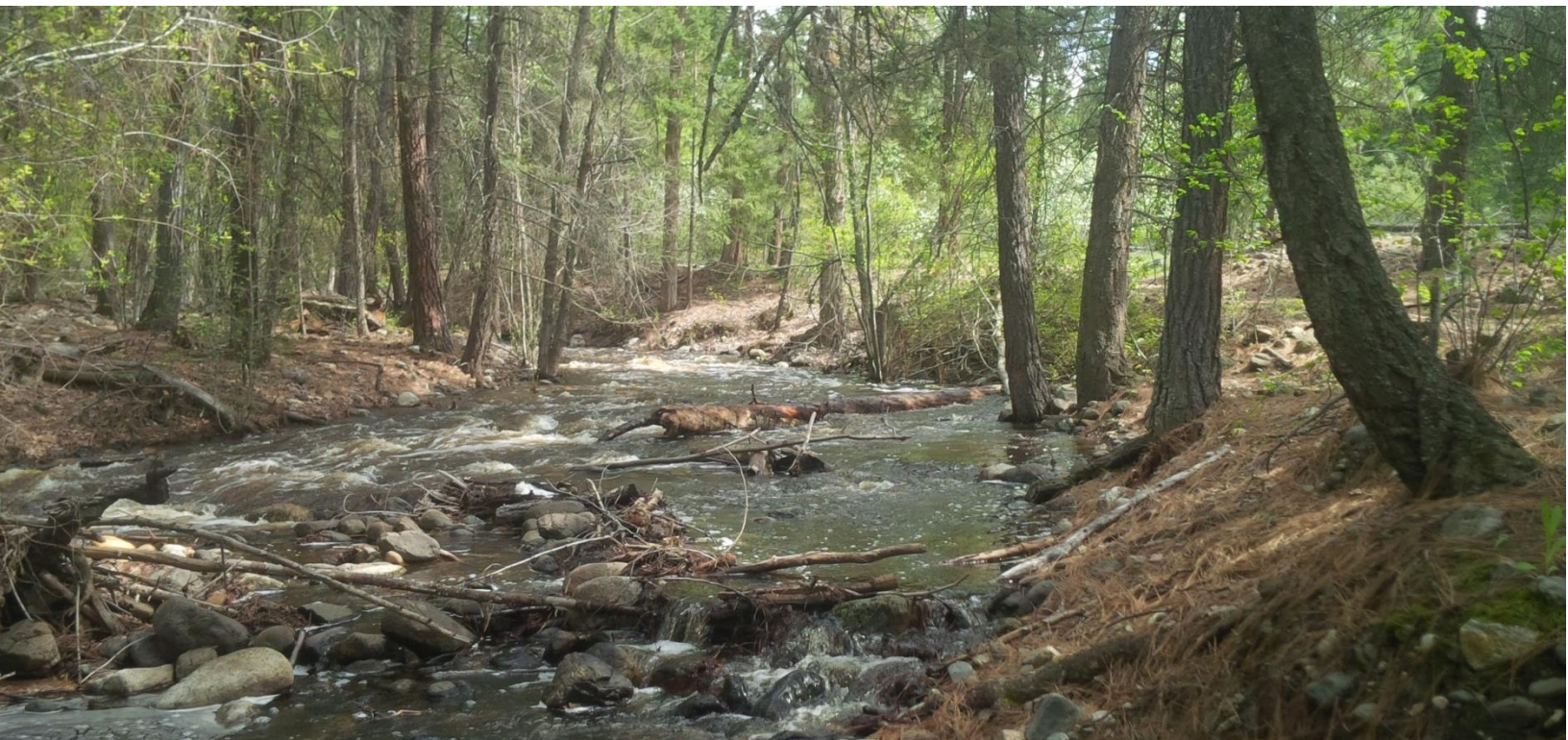
Corporate Actions 2016

- Continuation of planting drought-tolerant plants during the development of parks.
- Regional Community Clean-up Month (April); garbage bags and gloves are also provided year round for community groups.
- Continued implementation of Natural Environment Development Permits throughout the community.
- Continuation of recommendations regarding Fleet replacement based on E3 Fleet Management Program.
- Continued compliance to the Carbon Neutral Action Plan.
- Continued issuance of Development Permits for Greenhouse Gas Reduction and Energy Conservation.
- Continued implementation of Integrated Community Sustainability Plan and Community Energy and Emissions Plan.
- Continued to monitor and implement infrastructure upgrades that meet green building standards where appropriate and cost effective.



Community Wide Actions 2016

- Continued to focus density within Identified Growth Areas outlined within the OCP.
- Continuation of the Green Building Rebates to incentivize energy-efficient development.
- Continued operation of municipal hydroelectric generation facility.
- Continued planning and design charrette for Pelmewash Parkway.
- Begin greenway development process with small project.
- Continued to implement Transportation for Tomorrow Plan
- Continuation of curbside recycling and yard waste collection.
- Ongoing participation in the Living Greener Initiative which encourages residents to conserve and live sustainably through the use of an annual calendar and media ads.
- Continued the implementation of the Greenhouse Gas Reduction and Resource Conservation Development Permits throughout the community.
- Continued to install solar-powered bus shelters throughout the community.
- Composter sale to residents (yearly program) to help recycle kitchen scraps, in addition to sale of rain barrels and cone digester.
- Continued to require water meters to be installed in new construction projects; and complete universal metering project with installation of meters in all properties.
- Continuation of water restrictions.
- Continued planting within the Arboretum at Jack Seaton Park as budget allows.
- Continued use of the Landscaping Guidelines within Development Permit Areas to establish further private greenspace throughout the community.
- Added pedestrian walkway and bike lanes for 1.5 km road connecting neighbourhood to schools.
- Installation of water meters throughout the community.
- Implementation of the Water Master Plan.
- Bond Road watermain and street improvements 1 km of pedestrian pathway.
- Restoration of Bottom Wood Lake Road to facilitate safe active transportation between Main Street and schools to Wood Lake tourist node.



2017 Proposed Corporate and Community Wide Actions

- Official Community Plan review and update.
- Continue work towards implementation of Integrated Sustainability Action Plan.
- Continue compliance to the Carbon Neutral Action Plan.
- Continue compliance to the Community Energy and Emissions Plan.
- Continue issuance of Development Permits for Natural Environment.
- Continue issuance of Development Permits for Greenhouse Gas and Energy Reduction.
- Explore opportunities for green grant funding for infrastructure projects where applicable.
- Continue support for Energy Demand Management programs.
- Will continue to research and analyze green options for corporate building upgrades where applicable.
- Continue operation of municipal hydroelectric generation facility.
- Continue to communicate effectively to the public regarding green initiatives and community improvements where applicable.
- Continue adherence to xeriscape landscape guidelines for Development Permits.
- Continuation of Regional Household Waste Collection Program that includes recycling and yard waste composting.
- Continuation of Regional Commercial Waste Reduction Program which includes recycling.
- Undertake Transportation Master Plan projects that serve to implement Official Community Plan with a focus on multi-modal transportation providing alternatives to vehicles.
- Continue replacement of corporate fleet vehicles as per E3 Fleet Management Program.
- Continue implementation of the Transportation for Tomorrow.
- Continue installation of water meters.
- Continue implementation of the Water Master Plan.

