



# 2022 Climate Action Report



# About the City of West Kelowna

West Kelowna offers abundant recreational amenities and world class attractions, with warm, sunny summers and short, mild winters, making our community a desired place to live, work and play. Situated in the traditional territory of the syilx/Okanagan People, on the central, western hillsides of Okanagan Lake, the community is the gateway to a valley resplendent with orchards, vineyards, beaches, parks and trails.

Explore our outstanding outdoors by kayaking along the spectacular shores of Okanagan Lake, mountain biking, hiking and snowshoeing through centuries old pine forests, touring award winning wineries, picking impeccable local produce at farms and farmers markets and exploring the treasure trove of unique shops, cafes and artisan studios off the beaten paths.

Enjoy more than 130 athletic fields, beaches, boat launches, parks, sports courts, and trails, two arenas, an air-supported multi-sport facility, an indoor aquatic centre and four community centres.

The City is steadily growing and rapidly modernizing and the municipality must balance these demands with preservation of its rural roots and protect the agricultural values that are part of the charm that draws people here. The City's goals and objectives reflect our efforts to achieve this balance with priority projects informed by Council's Strategic Priorities.



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# Introduction

The Local Government Climate Action Report is a requirement of all BC municipalities that have become signatories to the BC Climate Action Charter, and provides a means of tracking the progress our municipality has taken in meeting our commitment to reducing Greenhouse Gas (GHG) emissions, and in adapting to climate change.

## About the reporting

Corporate initiatives and actions are those that directly benefit or offset GHG emissions from City operations. A community action, while still initiated by the City, has the benefit of reducing or offsetting emissions in a particular area or neighbourhood or the entire municipality.

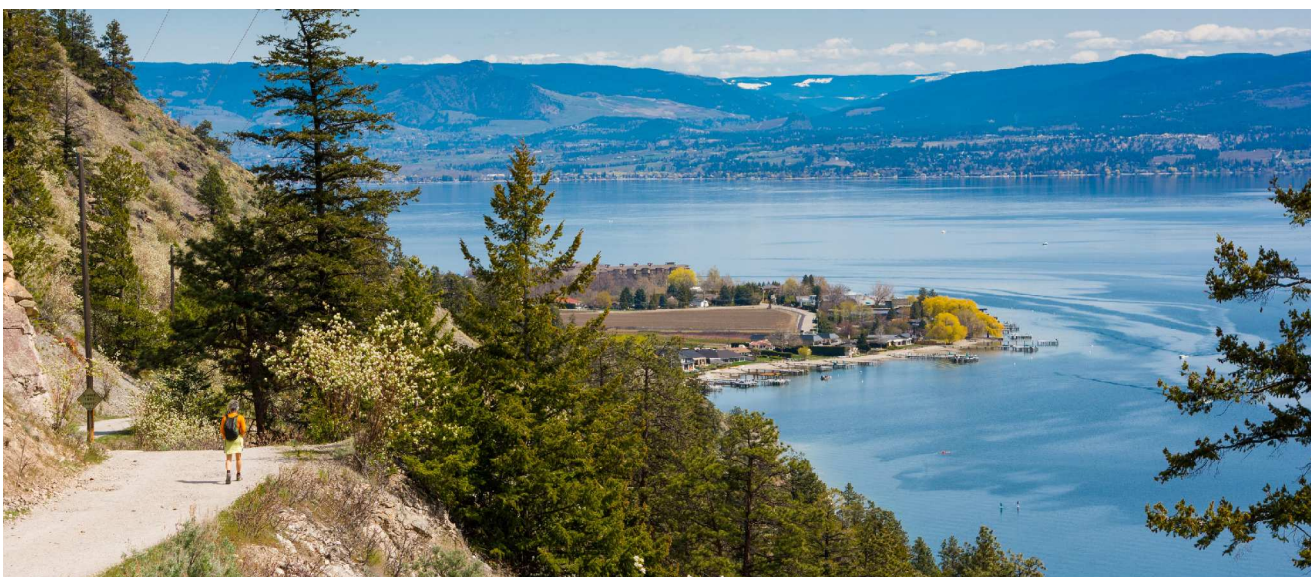
## The BC Climate Action Charter

The BC Climate Action Charter is an agreement that the Province of British Columbia, Union of BC Municipalities and local governments have signed to commit to take action on climate change. The City of West Kelowna has been a signatory since 2007.

The City's community climate action goals, as stated in the Official Community Plan, are aligned with the Provincial emissions reduction targets and include:

- A 40 per cent reduction in GHG emission by 2030 from 2007 levels;
- A 60 per cent reduction in GHG emissions by 2040 from 2007 levels; and
- An 80 per cent reduction in GHG emissions by 2050 from 2007 levels.

These targets are related to overall community climate action. The City's Corporate Climate Action Plan, currently underway and expected to be complete by the end of 2023, will outline emission reduction targets specific to the City's corporate emissions from its facilities and fleet, and will include recommended actions to reduce emissions. The completion of a Community Climate Action Plan is included in Council's 2022-2026 Strategic Priorities and will be completed in the future.



# West Kelowna: 2023 and beyond

When we think of what our community could look like in the future we must consider how we can get there, the goals we might establish for ourselves, and the process for how we may complete them. In thinking of West Kelowna's future with respect to climate change, it is evident that we must satisfy the commitment we made as a signatory to the BC Climate Action Charter, beyond this, we must think of what we can do to ensure our community continues to prosper. Below are some things we may consider to ensure that we continue to grow in a sustainable, fiscally responsible, and desirable way.

## Collaboration and joint action

We may consider how our goals are common amongst our neighbours; Westbank First Nation, the District of Peachland, and the City of Kelowna. They all play a vital role in the development of the Westside and are integral to the function of our community. We share businesses, facilities, natural areas, and common resources. Together we may think about how we can move forward together to adapt to and mitigate the effects of climate change. Some initial steps may involve information and knowledge sharing. In recognition that we all share the same outcomes of climate change, we must put our collective knowledge together to work towards the same goal, and sharing information is a great way to get there. We may start to think of ways we can work together to plan our communities, as well as how we may best utilize the facilities and infrastructure we have to meet the demands of our residents' needs.

## Climate Action Plan

A Climate Action Plan is essential to establishing, monitoring, and implementing objectives related to climate change. West Kelowna's Corporate Climate Action Plan is currently underway and expected to be complete by the end of 2023. It will establish goals and policies to achieve our Charter commitments and may do so by identifying projects for the future.

The City of West Kelowna aims to become a more complete, compact and connected community. The plan will provide clear sustainable objectives for more efficient municipal operations in the future with the goal of meeting our emissions reductions targets.



# Council's 2022-2026 Strategic Priorities



## INVEST IN INFRASTRUCTURE

We will invest in building, improving and maintaining infrastructure to meet the needs of, and to provide a high quality of life for, current and future generations.



## PURSUE ECONOMIC GROWTH AND PROSPERITY

We will work with stakeholders throughout the region to advocate for and support efforts aimed at helping West Kelowna businesses prosper. With a focus on the future, we will advance opportunities to expand our economy, increase employment, and develop the community in ways that contribute towards prosperity for all.



## STRENGTHEN OUR COMMUNITY

We will provide opportunities for the residents of West Kelowna to build connections, celebrate successes, embrace the community's strengths and diversity, address shared needs, and contribute to shaping the community's future.



## FOSTER SAFETY AND WELL-BEING

We will pursue through direct action, advocacy, and collaboration with local and regional service providers, investments in community health, needs-based housing, emergency preparedness, policing, and other services that foster safety and well-being in West Kelowna.

# 2022 by the numbers



## INVEST IN INFRASTRUCTURE



## FOSTER SAFETY AND WELL-BEING



**\$19.5** million invested in Rose Valley Water Treatment Plant



**17** wildfires actioned and/or supported



**35** active or completed infrastructure projects



**6** wildfire mitigation projects active or completed



**9.4** kms of new sidewalks and bike lanes



**400** new urban trees planted



**15.1** kms of roads resurfaced



**50** FireSmart grants awarded to residents of West Kelowna and WFN



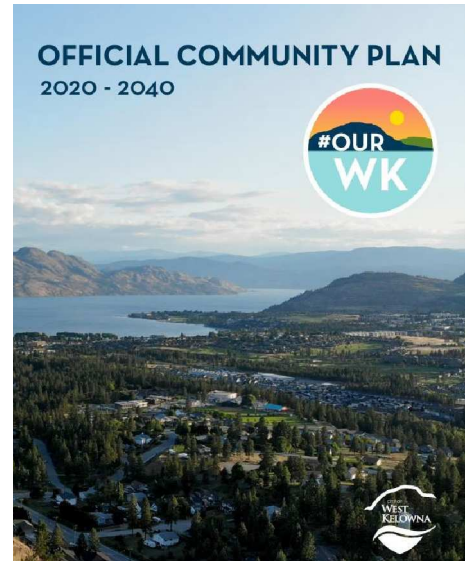
**1** new roundabout

All statistics were calculated from Jan. 1 - Oct. 31, 2022.

# Our Official Community Plan Update

In 2022, the City of West Kelowna focused significantly on updating the Official Community Plan (OCP) and the Transportation Master Plan (TMP).

The OCP Update will accommodate the more than 12,000 new residents who are anticipated to call West Kelowna home by 2040. It will introduce a Growth Concept that identifies key higher density areas of development including two urban centres and five neighbourhood centres. These concepts together with a Growth Boundary will focus growth efficiently and create complete, compact and connected neighbourhoods.



The City of West Kelowna's Transportation Master Plan (TMP) Update will set the direction for how the community will walk, cycle, drive and take transit through the City over the next 20 years. The TMP is a long-range plan that will connect people to the places that matter to them and help move goods and services through the community.

The TMP will recommend a future transportation network that will be based on how and where the City plans future growth.



# Corporate Emissions Data

Service Type	2021 Reported Numbers (tonnes of carbon dioxide equivalent or tCO2e)	2022 Reported Numbers (tonnes of carbon dioxide equivalent or tCO2e)
Services delivered directly by the City	1921	2064
<ul style="list-style-type: none"> <li>Facilities</li> </ul>	1276	1504
<ul style="list-style-type: none"> <li>Mobile sources</li> </ul>	645	560
Services delivered by contractors	452	437
<b>Total emissions from City and contracted services</b>	<b>2373*</b>	<b>2501</b>

\* Figure updated in 2023 using more comprehensive data sets.





# Broad planning, policy and land use

Plans and policies should establish goals and objectives to protect the environment, conserve energy and reduce greenhouse gas emissions. Land use plans and policies that focus on smart growth principles – compact, complete, connected, and centered – play key roles in reducing greenhouse gas emissions.

# Broad planning, policy and land use

## Community Actions

2022 Completed	2023 Proposed
<p>Official Community Plan Update was underway to help guide the City for the next 20 years:</p> <ul style="list-style-type: none"> <li>• The Growth Concept was introduced to promote higher density development, to support alternative transportation modes and encourage a variety of services near residential areas.</li> <li>• Policy development supported draft land use designations.</li> <li>• Public consultation continued to help inform the proposed land use designations.</li> <li>• The first draft of the document was prepared.</li> </ul>	<p>An external referral and Public Open House on the Official Community Plan Update will occur in February:</p> <ul style="list-style-type: none"> <li>• Staff will continue to prepare the document for Council consideration based on all feedback received.</li> <li>• Council will hold a public hearing and consider adoption of the Official Community Plan Update.</li> </ul>
<p>Work began on West Kelowna’s Housing Strategy to address gaps as outlined in West Kelowna’s Housing Needs Assessment (completed in 2022).</p>	<p>It is anticipated that the Housing Strategy will be completed by end of the year.</p>
<p>Council approved the Development Cost Charge Bylaw to reflect the actual costs, such as inflation and land, to ensure growth contributes to modern and sustainable infrastructure, such as active transportation corridors and green space.</p>	<ul style="list-style-type: none"> <li>• An update of the Zoning Bylaw is expected to begin to align it with the adopted OCP Update.</li> <li>• It is expected that public consultations for the Transportation Master Plan will be completed.</li> </ul>
<p>The City completed Phase 1 of public consultations on the Transportation Master Plan (TMP) Update.</p> <ul style="list-style-type: none"> <li>• Participants asked for safe bike routes, more sidewalks, improved transit, a connected community, roads that work for all users, improved emergency and evacuation routes, safe and welcoming streets and equitable access.</li> </ul>	<ul style="list-style-type: none"> <li>• The City anticipates completing an update of the Parks Master Plan.</li> <li>• The City expects to begin an update to the Water Utility Master Plan.</li> </ul>

# Broad planning, policy and land use

## Corporate Actions

2022 Completed	2023 Proposed
<p>The City initiated its first Corporate Climate Action Plan (CCAP):</p> <ul style="list-style-type: none"> <li>The CCAP began looking at energy and emissions uses related to City-owned assets including buildings, fleet, equipment, etc. The plan will make recommendations on how energy use and greenhouse gas emissions can be reduced throughout municipal operations.</li> </ul>	<p>The Corporate Climate Action Plan is expected to be completed by end of the year.</p>
<p>Council adopted the 2022 Budget and Five-Year Financial Plan Bylaw, which included further investments in community and corporate climate actions.</p>	<p>Council will adopt the 2022-2026 Council Priorities.</p>



# Building and lighting

Low-emissions buildings and efficient lighting and streetlights, such as LEDs, use the least energy and natural resources to provide comfort and safety and reduce operating expenses, particularly over the long term. Green buildings use renewable energy sources, such as solar and geothermal, for heating, cooling and power.

## Community Actions

### 2022 Completed

Staff installed a new, more efficient HVAC system and two increased efficiency pool boilers at Johnson Bentley Memorial Aquatic Centre.

The City consulted with the community about returning Mt. Boucherie Community Centre back to residents and recreational users, with future opportunities to improve building efficiencies.

The City continued to encourage and incentivize efficient, mixed-use, dense development in urban centres that have robust amenity contributions such as bike facilities, electric vehicle charging stations, parks and trails, playgrounds and sidewalks that use alternative energy.

### 2023 Proposed

The City will implement the BC Energy Step Code for all newly constructed and renovated buildings as per Provincial targets.

All new applications submitted to the City for Part 9 residential building permits will be required to have designs that will comply with Energy Code for Step 3 per amendments to the Building Act and B.C. Building Code.

The City will continue LED conversions on more than 1,700 City lampposts.

# Building and lighting

## Corporate Actions

### Ongoing 2022 and 2023

The City Hall/Library Building construction continues and once complete, it will centralize City operations and be an economic catalyst with the additional benefit of providing more accessible civic services in the Westbank Urban Centre.

The City will continue to plan and prepare for the construction of a centralized Operations Centre.

The construction of Fire House #30 will be completed centralizing West Kelowna Fire Rescue administrative services in the Westbank Urban Centre.

### 2023 Proposed

The City of West Kelowna will identify a site within Lakeview Heights for the replacement Fire Hall #32. Further steps will include seeking Council's further direction to prepare a business case that will define the project's scope, budget, concept design, and stakeholder and public consultation.

The City will begin the planning process for including 80 new, centrally-located childcare spaces at Mount Boucherie Community Centre. The ChildCareBC New Spaces Fund is providing project funding.

The City will replace the following with higher energy-efficiency equipment:

- The radiant heater in Jim Lind Arena.
- The air conditioning unit for Westbank Lions Community Centre.
- The hot water redundancy boiler in the Royal LePage Arena.

The City's Facilities department will conduct a Fortis Energy Study for specific buildings.



# Energy generation

Renewable and low-emission energy sources for heat, air conditioning and power achieve significant GHG reductions. Renewable energy sources include recovery from waste such as biogas and biomass, geothermal and solar thermal, micro hydroelectricity, heat pumps and wind. Systems can be implemented to varying degrees ranging from individual homes to entire neighbourhoods via district energy.

## Community Actions

### Ongoing 2022 and 2023

The City continues to lobby and work with BC Hydro to secure a second, reliable power line with the only current power source being that between the Nicola substation in Merritt and the one in Westbank.

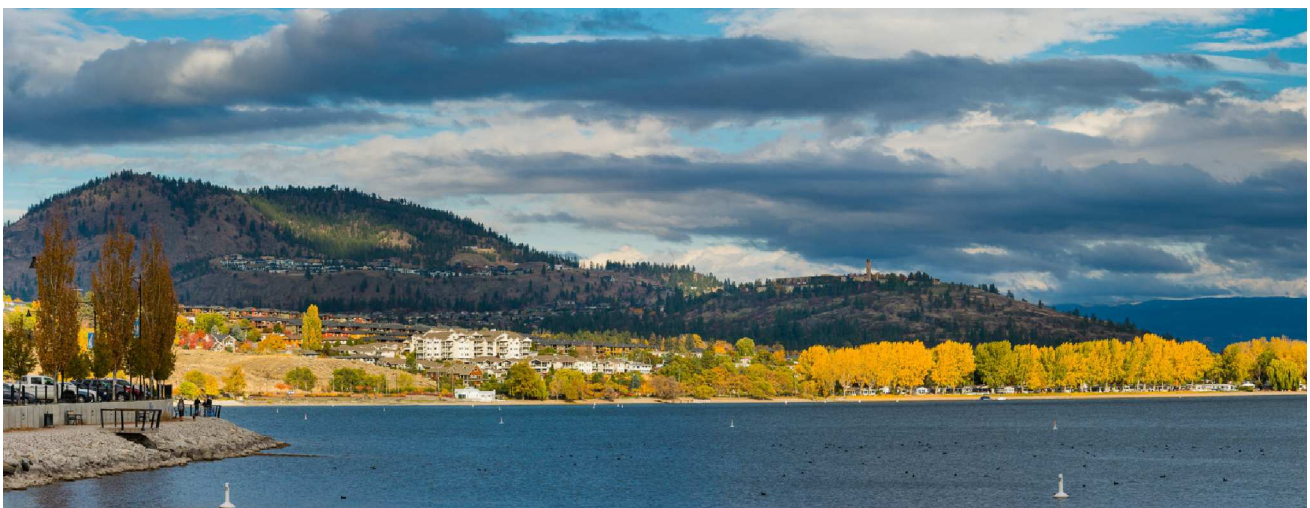
## Corporate Actions

### Ongoing 2022 and 2023

Staff continues to operate and maintain:

- The geothermal energy system at the Royal LePage Place Arena.
- The West Kelowna RCMP detachment's solar hot water heating system.

The City continues to purchase carbon offsets, as part of the annual operations at the LEED® Silver Certified West Kelowna RCMP detachment, through Bullfrog Power.



# Green space

Green spaces are essential to planetary climate regulation and carbon dioxide and oxygen cycles. Green spaces can be protected through the creation of parks, green ways and land conservancy trusts, community forests, and land use covenants and regulations. Brownfields, contaminated sites and clearcuts can be remediated and wetlands, waterways and other naturally occurring features can be protected to aid in global GHG emissions reductions. Bylaws and policies can be implemented to protect green space and prosecute and penalize polluters.

## Community Actions

2022 Completed	2023 Proposed
<p>The City of West Kelowna’s fourth annual Urban ReLeaf Program in 2022 was expanded, with 500 trees available, up from 200 offered in 2021.</p>	<p>The City will update the Parks Master Plan which will provide recommendations to enhance municipal green spaces.</p>
<p>The City teamed up with 44, Grade 7 students to plant 550 seedlings in May at Marr Fee Park.</p>	<p>The City will update the Recreational Trails Master Plan which will provide recommendations to enhance municipal trails.</p>
<p>The City used a \$4,500 donation from the West Kelowna Daybreak Rotary to plant trees within various parks and public open spaces.</p>	<p>The City will renew and replace some parks irrigation systems to ensure ongoing efficiencies.</p>
<p>The City enhanced 12 neighbourhood and waterfront parks to provide services closer to home:</p> <ul style="list-style-type: none"> <li>• Playground equipment was replaced, irrigation was upgraded, and landscaping was enhanced.</li> <li>• Beechnut Park and Casa Loma Dock Park received accessibility upgrades, including paved pathways and picnic areas.</li> </ul>	<p>The City will continue to provide the Urban ReLeaf Program which helps:</p> <ul style="list-style-type: none"> <li>• Create the air we breathe and act as filters, working to keep it clean.</li> <li>• Remove carbon dioxide and other greenhouse gases from the air, which in turn cools the earth.</li> </ul>

# Solid waste

Diverting waste from landfills and preventing illegal dumping on public lands improves air and water quality, lowers greenhouse gas emissions, reduces environmental impacts and supports sustainable land management. The primary goals of solid waste management continue to be reduction and reuse with recycling being the next preferred option and disposal being a last resort.

## Community Actions

2022 Completed	2023 Proposed
The City continued to provide curbside collection of recycling, waste and yard waste, thus reducing trips to the landfill.	The City will consider installing additional bear-proof garbage cans in its parks and public spaces.
<p>Council directed staff to proceed with the first steps in becoming a Bear Smart Community by undertaking a Bear Hazard Assessment.</p> <ul style="list-style-type: none"> <li>Garbage continues to be the main attractant in Westside neighbourhoods and the program continues to receive resident requests for more homeowner education and new, innovative solutions to manage waste around the home.</li> </ul>	The City will continue to work with WildSafeBC to conduct a Bear Hazard Assessment, which would lead to the creation of a Bear Conflict Management Plan in an effort to reduce bear/human encounters, improve community safety, and to get residents thinking about better ways to manage their waste.
	The City will continue to partner with the Regional District of Central Okanagan in providing the centrally-located Westside Residential Waste and Recycling Centre.

## Corporate Actions

Ongoing 2022 and 2023
The City continues to participate in the Commercial Waste Diversion Program.
Staff actively participate in the Solid Waste Technical Advisory Committee (SWTAC).
Agendas, annual reports, seasonal recreation guides and other traditionally paper-intensive products are now produced digitally, with print versions only available on demand or for accessibility needs.
The City will continue the Paperless Project to reduce paper waste.



# Transportation

Cycling, electric bikes and e-vehicles, public transit use, ride-sharing and walking significantly reduce GHG emissions and create more breathable and liveable communities. Moving goods and people in an efficient manner and providing varying modes of transportation are key means of reducing emissions. Providing new infrastructure for walking and cycling are among the approaches the City of West Kelowna is taking to tackle climate change and create a more liveable community.



# Transportation

## Community Actions

2022 Completed	2023 Proposed
<p>Staff updated the 10-year Pedestrian Improvement and Road Development Cost Charge Programs.</p> <ul style="list-style-type: none"> <li>Staff made a list of proposed investments in infrastructure that support active, multi-use transportation, improve safety and keep pace with growth.</li> </ul>	<p>The City will construct a 1,300-metre delineated path on Westlake Road from West Kelowna Road to Pettman Road and a 700-metre bike lane on Parkinson Road to Pettman Road.</p>
<p>The 2022 Road Rehabilitation Program improved 7.6 lane kilometres of roadways to keep our roads in tiptop shape.</p>	<p>The City will continue the Road Rehabilitation Program funded through the Canada Community-Building Fund and Capital Reserves.</p>
<p>The City's new Capital Works Crew completed 11 projects throughout the community including:</p> <ul style="list-style-type: none"> <li>Sidewalk connections (600 metres), street lighting, and crosswalks on Shannon Ridge Drive and Shannon Way to expand the active transportation network.</li> <li>A 750-metre paved multi-use pathway on Whitworth Road, to provide a separated path to Pebble Beach and Goats Peak Trail.</li> <li>Sidewalk extension on Guidi Road.</li> </ul>	<p>Staff will continue to consult with the public and update the Transportation Master Plan, which will set the direction for how we walk, cycle, drive and take transit through the city.</p>
<p>The City continued construction on the Shannon Lake/Bartley/Stevens Roundabout and Active Transportation Corridor project, which included:</p> <ul style="list-style-type: none"> <li>Sidewalk extension from McDougall Creek Bridge to the roundabout.</li> <li>Sidewalk connections on Stevens Road from Dominion to Westlake Roads, funded by the COVID-19 Resilience Infrastructure Stream.</li> <li>Sidewalk extensions along the east side of Bartley Road, including streetlights and adding utility services, and creating a continuous pedestrian connection to Highway 97.</li> <li>Improved traffic flow and safety for drivers.</li> </ul>	<p>Crews will construct a new multi-use pathway along Boucherie Road between Ogden and Green Bay Roads in two phases, which will consist of:</p> <ul style="list-style-type: none"> <li>An 800-metre pathway from Ogden to Gregory Roads.</li> <li>A 1.6-kilometre multi-use pathway from Gregory to Green Bay Roads.</li> <li>A 1.2-kilometre upgrade from Ogden to Gregory Roads which includes road widening.</li> <li>A 780-metre bike lane from Ogden to Gregory Roads.</li> <li>Pedestrian activated crosswalks at Gregory, Ogden and Mission Hill Roads.</li> <li>Street lighting (some solar powered).</li> </ul>
<p>Staff continued to designed active transportation improvements on Shannon Lake Road, from Shannon Way to Swite Road.</p>	<p>The City will make active transportation upgrades on Old Okanagan Highway, which includes 300 metres of additional sidewalks, bike lanes and drainage improvements from Dobbin Road to Ingram Road.</p>
<p>Council renewed the annual operating agreement with BC Transit confirming continued levels of service for 2022-2023.</p>	<p>The City will begin design for upgrades on Elliott Road from Reece to Smith Creek Roads.</p>

# Transportation

## Corporate Actions

2022 Completed	2023 Proposed
<p>The City’s Vehicle and Equipment Acquisition, Replacement and Disposal Policy was updated to encourage purchasing of models with electric, hybrid and other alternative sources of power. The policy also allows staff to repurpose older vehicles for lighter duties, if possible, to extend their use prior to disposal.</p>	<p>The City will roll out the “GeoTab” program for the City’s fleet, which will:</p> <ul style="list-style-type: none"> <li>• Record kilometres driven to improve route efficiencies.</li> <li>• Monitor idling.</li> <li>• Track maintenance to help ensure fuel efficiency.</li> </ul>
	<p>The City will purchase an electric vehicle for use at the Rose Valley Water Treatment Plant.</p>
	<p>The City will continue to promote and participate in GoByBike Weeks.</p>



# Shannon Lake- Bartley-Stevens Roundabout

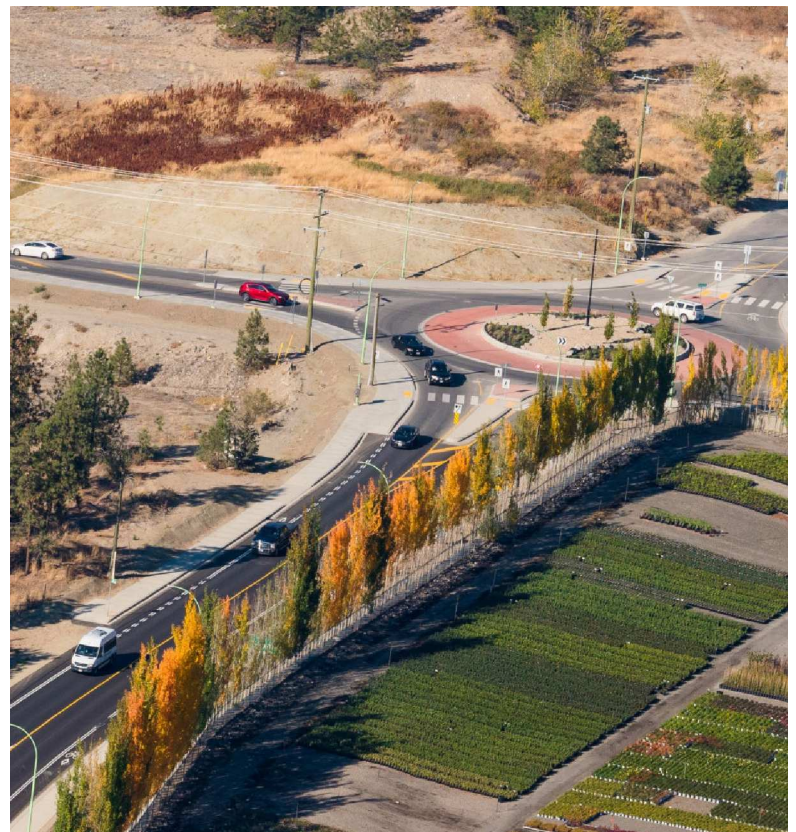
## and active transportation corridor

We improved how people moved through our community with the completion of an active transportation corridor project, that included construction of a roundabout at the Shannon Lake-Bartley-Stevens intersection and bike lane and sidewalk improvements east of Dominion Road to Westlake Road.

Council's 2021 - 2022 Strategic Priorities Invest in Infrastructure objectives included active transportation upgrades to the Shannon Lake corridor to enhance safety, access and traffic flow. This investment contributed to community health and well-being and emissions reductions.

### Project highlights:

- Bike lanes and sidewalks were extended from east of the Shannon Lake Road bridge over McDougall Creek to the Shannon Lake-Bartley-Stevens roundabout.
- Bike lanes and sidewalks were installed on Stevens Road from the roundabout to Westlake Road, creating important connections in the West Kelowna Business Park.
- Sidewalks were installed on Bartley Road from the roundabout to Byland Road.



### Did you know?

Federal and provincial infrastructure contributions help the City improve roads and expand active transportation corridors.

# Water, stormwater and wastewater

Efficient and sustainable water and wastewater systems provide the necessities of life in ways that encourage conservation, guard public health, protect watersheds and watercourses and reduce GHG emissions. The most efficient systems draw water from undisturbed watersheds, which require less treatment, and are fed by gravity and naturally occurring hydrology, requiring considerably less equipment and energy than those networks that must pump water.



# Water, stormwater and wastewater

## Community Actions

2022 Completed	2023 Proposed
<ul style="list-style-type: none"> <li>The City installed 2.5 kilometres of new mains for sewer, storm sewer and water.</li> <li>The City completed Glenrosa reservoir project.</li> </ul>	<p>The City will complete Rose Valley Water Treatment Plant construction, which includes:</p> <ul style="list-style-type: none"> <li>Installing connective transmission mains.</li> <li>Testing and commissioning the water system.</li> </ul>
<p>Council adopted Water Regulations Bylaw amendments, which require all new residential construction to have water meters installed in secure outside pits, rather than inside dwellings, to make replacements and repairs easier.</p> <ul style="list-style-type: none"> <li>Meters ensure customers conserve water.</li> </ul>	<p>The City will upgrade lift station on Stevens and Sunnyside Roads to meet existing and future demands. Lift stations are essential to moving wastewater to higher elevations and for efficient collection of wastewater.</p>
<p>The City reached continued construction of Rose Valley Water Treatment Plant: Construction of connecting water transmission mains began in the West Kelowna Estates and Sunnyside areas.</p>	<p>The City will make channel improvements in McDougall Creek, near Shannon Lake Road, to complete restoration work and increase the capacity of the creek.</p>
<p>A utility-wide Cross Connection Control/Backflow Prevention Program was launched to prevent contaminants from entering the system and to protect public health and the water supply.</p>	
<p>Approximately 20 sewer and water operators continue to monitor water quality throughout the City's four water systems.</p>	
<p>The City became full partners in the valley-wide Make Water Work program to promote water conservation. Make Water Work is an initiative of the Okanagan Basin Water Board's WaterWise program.</p>	

# Water, stormwater and wastewater

## Corporate Actions

2022 Completed	2023 Proposed
<p>Council adopted the Water Regulations Bylaw amendments, which promote conservation for all customers including City operations.</p>	<p>The City will begin upgrades on water sample stations for the Powers Creek and Rose Valley water service areas.</p>
	<p>The City plans to update the Water Utility Master Plan.</p>



# Rose Valley Water Treatment Plant

Crews will continue construction of the water treatment plant and treated water reservoir. In 2023, work will focus on the final phases: electrical, mechanical, plumbing and building finishing work. Plant construction will be completed in fall 2023.

Installation of underground water transmission mains is required to connect neighbourhoods to the new plant. In 2022, crews focused on the first phase of construction which included the installation of underground pipes in the West Kelowna Estates and Sunnyside neighbourhoods.

In 2023, the last and final phase of construction will include the installation of the remaining critical water transmission main infrastructure. In total, 3.7 kilometres of transmission mains will be installed in the West Kelowna Estates and Sunnyside neighbourhoods.

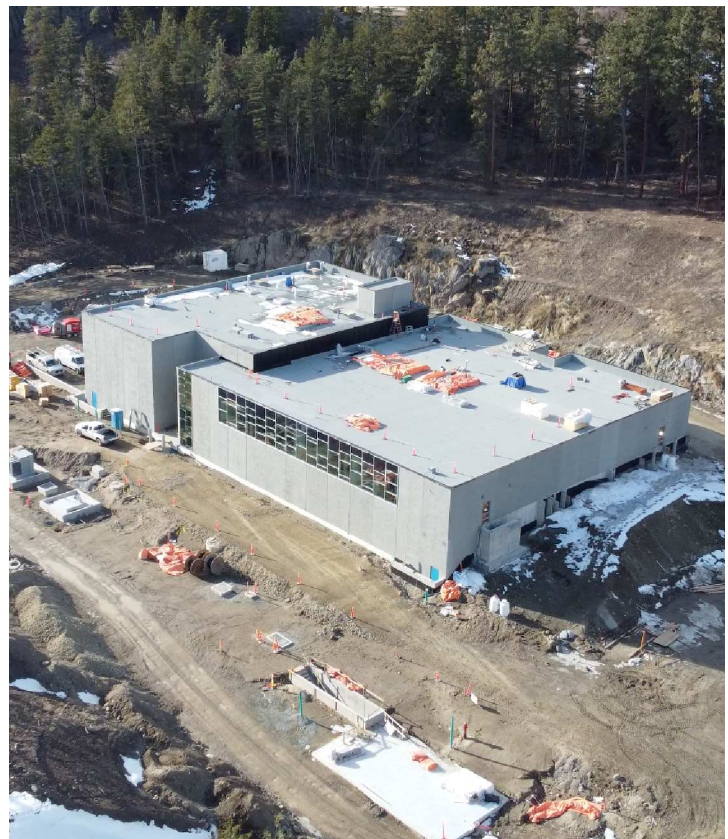
Construction will also include active transportation upgrades:

- 1,300-metre delineated path on Westlake Road from West Kelowna Road to Pettman Road
- 700-metre bike lane on Parkinson Road to Pettman Road
- Street lighting on Westlake Road to Horizon Drive

## Did you know?



When the project is complete, coagulation, flocculation, dissolved air flotation, deep bed filtration, ultraviolet and chlorine disinfection will be used to effectively treat our water.



# Adaptation and resilience

More frequent and severe events are occurring as global temperatures increase. Since 2017, British Columbia has experienced recurring, record wildfire seasons and flooding events. Communities must be proactive and identify and mitigate risks early to protect people and infrastructure, and to avoid costly repairs and replacement projects that can disrupt services for weeks or months and take years and cost millions to fully resolve.

## Community Actions

2022 Completed	2023 Proposed
West Kelowna Fire Rescue hired a FireSmart Coordinator to encourage private property owners to improve the survivability of their homes in case of a wildfire, administer FireSmart mitigation grants, and coordinate a FireSmart Family Day, which provides education and awareness about wildfire-related risks.	The City will construct a secondary emergency egress between the Casa Loma and Lakeview Heights neighbourhoods. When not being used during emergencies, the egress will serve as a multi-use pathway.
The City hired FireSmart Crew Members to complete wildfire mitigation work near roadways and in 29 parks across the city.	The City will do flood mitigation work in Rock Ridge Park in West Kelowna Estates, which includes reconstruction of degraded channel beds and banks.
Fifty FireSmart grants were awarded and FireSmart plans were completed in three neighbourhoods to help protect our community. <ul style="list-style-type: none"> <li>Rock Ridge, Casa Loma, and Sunview neighbourhoods received FireSmart Community recognition for their wildfire prevention and resiliency efforts.</li> </ul>	The City will complete an infrastructure assessment, a feasibility study, and the design for upgrades to the Powers Creek Water Treatment Plant Diversion Structure.
West Kelowna continued to review and update the Extreme Heat Plan in preparation for future heat alerts and emergencies.	

## Corporate Actions

2022 Completed	2023 Proposed
Staff continued to monitor and manage, through development and land use controls, the natural environment, including riparian, terrestrial, and hillside areas that are susceptible to development pressures and changing climate conditions.	City staff will complete the Flood Risk Assessment and Mitigation Plan.



# Grant Funding

City Council and staff are grateful to all who have invested in our community during the first 15 years of incorporation and to everyone who continues to partner with us to make West Kelowna truly the place to be.

Grant funding assists in improving, urbanizing, and extending the City's vast infrastructure and delivering high-quality programs and services, keeping our community safe, connected, and resilient. The grants also help reduce reliance on the municipal portion of property taxes to fund such projects and initiatives.

We thank the Government of Canada and Province of British Columbia and their ministries, agencies, and partnership organizations for the following investments in our community in 2022:

Program	Investment	Funding
Canada Community-Building Fund	Road Rehabilitation and Pedestrian Improvement Program	\$1,495,090.52
Canada Community Revitalization Fund	Parks Improvement Projects - Beechnut, Paula, Pritchard, and Shetler	\$416,250.00
Local Government Climate Action Program	Various climate actions	\$189,082.00
Community Resiliency Investment Program	FireSmart Community Support	\$149,616.42
SPARC BC - Homelessness Community Action Grants	Portable shower/washroom building	\$50,000.00
Destination BC - Indigenous Learning and Projects Program	Familiarization tour of Indigenous visitor destinations on the Westside	\$1,500.00
<b>Total grant funding</b>		<b>\$2,301,538.94</b>

# Community partnerships

**Regional District of Central Okanagan and area local governments** - partnerships include the Kelowna Regional Transit System, the Westside Waste Water Treatment Plant, the Westside waste transfer station and the Central Okanagan Emergency Operations Centre.

**Westbank First Nation** - partnerships include West Kelowna Fire Rescue and an agreement to provide parks and recreational facilities and services to all residents living on the Westside.

**Emergency Management BC, BC Wildfire Service and FireSmart BC** - worked with provincial ministries and agencies to provide aid to the community during times of emergency (i.e. flooding and wildfire) and provide support and education on reducing fire hazard risks.

**Okanagan Basin Water Board** - City is a member of the OBWB, which helps promote conservation through the Okanagan WaterWise and Make Water Work initiatives.

**Interior Health** - collaborate on opportunities to improve community health and wellness, including work on city plans, policies, and initiatives and issuing water quality advisories and boil water notices, as necessary, until Rose Valley Water Treatment Plant is completed.



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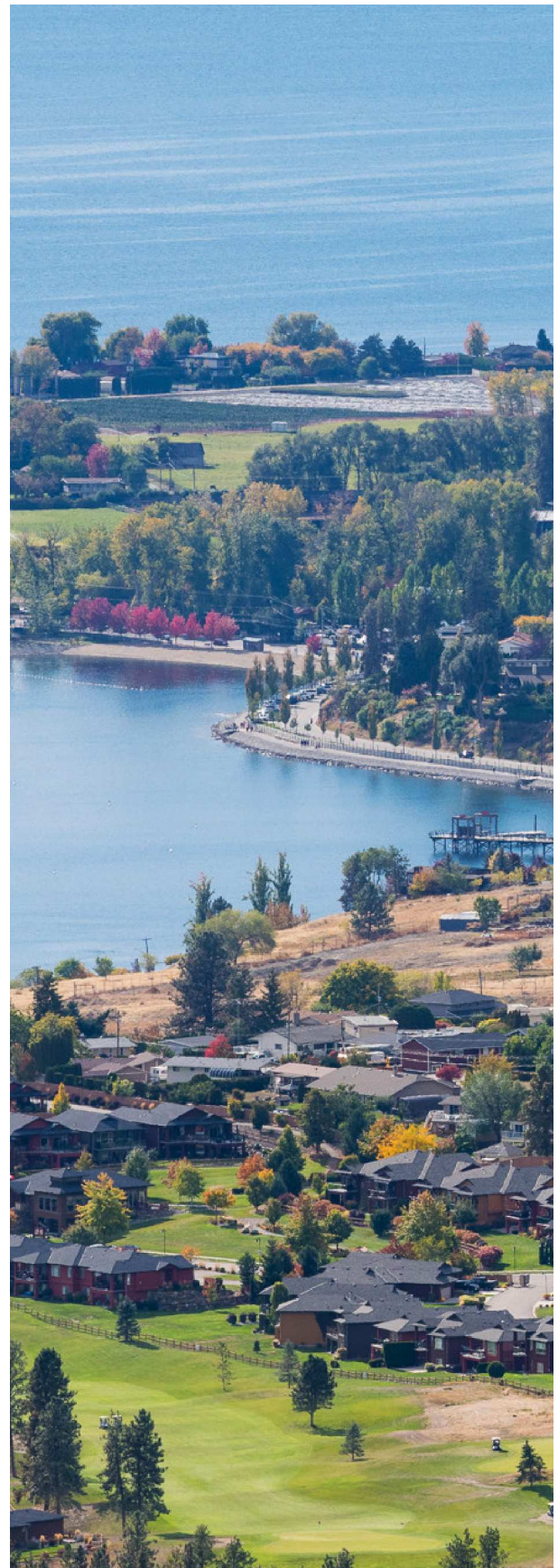
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# City of West Kelowna

*Incorporated by Order of British Columbia's Lieutenant  
Governor in Council December 06, 2007*

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## Disclaimer

The 2022 Climate Action Report provides highlights of programs, services and projects and is not a full representation of the City's climate initiatives. If you would like more detailed information, please contact us; we would be happy to help:

- Visit [westkelownacity.ca](http://westkelownacity.ca)
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