

MISSION CREEK

REGIONAL PARK MANAGEMENT PLAN

June 2021



BENCH





Ponderosa pines in Sutherland Hills nature area

EXECUTIVE SUMMARY

Mission Creek Regional Park (MCRP) lies within the traditional territory of the syilx people of the Okanagan. Historically, Mission Creek was an important meeting and trading location for the First Nations of the region. Today MCRP is still a place where people come together. The park is the centrepiece of the Regional District of Central Okanagan's Regional Park system drawing visitors from across the region to connect people with nature, culture, outdoor recreation, and community while conserving the unique ecological values of the park.

Park interpreters at MCRP are fond of describing the park as a 92-hectare island of nature within the City of Kelowna. The park contains ponderosa pine forests, cottonwood floodplains and rare Okanagan wetlands. This is the Regional District's only urban park. Its easy-to-access location allows for people to visit to participate in a wide variety of uses. Its programs and events like the Go Fish program and the Kikinee Festival initiate people into the world of outdoor activities and nature appreciation.

The Regional District of Central Okanagan began the development of a 20-year management plan for Mission Creek Regional Park in August 2019. The purpose of the management plan is to provide a long-term vision for the future development, operations and stewardship of the park. The Park Management Plan includes:

- Park management zones and carrying capacities
- A conceptual park development plan
- Park management goals and recommendations
- A 20-year phased implementation plan

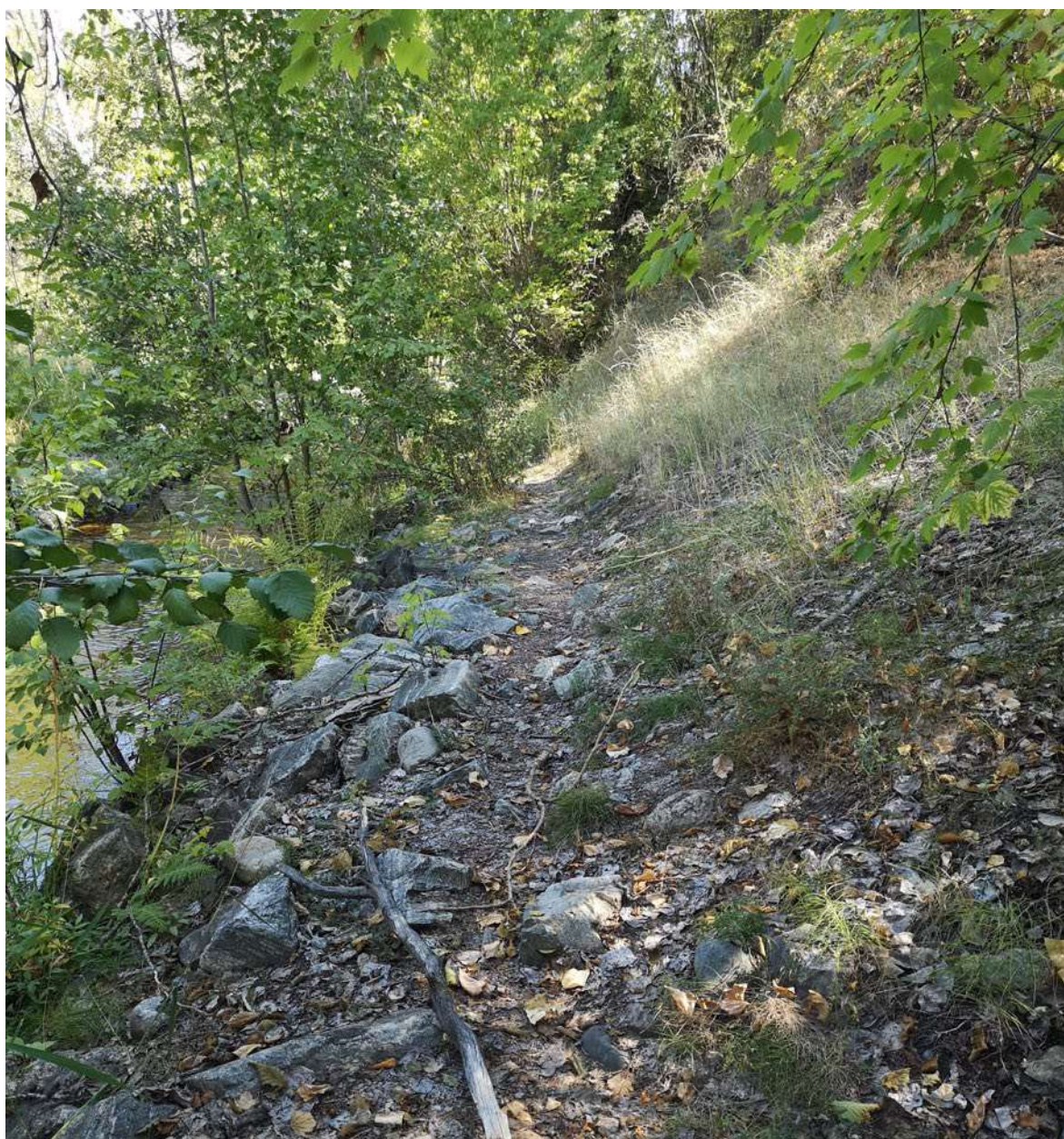
Public engagement for the Park Management Plan began in September 2019 at the Kikinee Festival in Mission Creek Regional Park. Community stakeholders and Westbank First Nations(WFN) were consulted at the beginning of the planning process. A draft park concept plan was presented to the public at an open house where participants could provide feedback in-person or by completing an online survey in December 2019. Input received from the public, stakeholders and WFN throughout this process guided the development of this management plan.



Nature trail descending into the Sutherland Hills' wetlands

CONTENTS

Executive Summary	i
1. Introduction	1
1.1 Purpose	1
1.2 Location and Regional Context	1
1.3 Research and Policy Context	1
2. Park Overview	5
2.1 Site Description	5
2.2 Park History	5
2.3 Existing Facilities and Park Use	6
2.4 Site Analysis	7
2.5 Summary of Strengths, Weaknesses, Opportunities & Threats	10
3. Engagement Process	12
3.1 Engagement Process Summary	12
4. Management Plan	13
4.1 Vision	13
4.2 Park Uses	13
4.3 Park Carrying Capacity	13
4.3 Park Management Zones	13
4.4 Concept Plan	18
5. Management Recommendations	26
5.1 Management Challenges, Goals, & Recommendations	26
6. Implementation Strategy	35
6.1 Cost Estimate & Phasing	35
Appendix A: References	
Appendix B: Enlargement Plans	
Appendix C: Implementation Plan Table	
Appendix D: Biophysical Inventory Update	
Appendix E: User Survey Results	
Appendix F: Stakeholder Input	
Appendix G: Draft Concept Public Feedback	



Nature trail running along the south side of the spawning channel

1 INTRODUCTION

1.1 PURPOSE

The purpose of a Regional Park Management Plan, as detailed by the Official Regional Park Plan (Bylaw 884) (2000) is to prioritize and direct park development and programming, funding and maintenance, visitor uses, resource protection and park management strategies.

1.2 LOCATION AND REGIONAL CONTEXT

REGIONAL CONTEXT

Mission Creek Regional Park (MCRP) is a 92-hectare forested park located in the City of Kelowna, within the Regional District of Central Okanagan (RDCO). MCRP is an island of nature in an growing city where it is surrounded on the north by residential and commercial areas and on the south by privately owned land in the Agricultural Land Reserve. It is the most accessible and highly-used regional park in the district. Interpretative programs are offered through the Environmental Education Centre for the Okanagan (EECO) on site, and make use of varied habitats available throughout the park which include coniferous woodland, riparian, grasslands and wetlands.

MCRP is also a popular access point for the Mission Creek Greenway which follows Mission Creek and bisects the park. It a passive recreation area, enjoyed for its playground, picnic facilities, trail network and nature programs. Just as Mission Creek was once an important gathering place for the syilx/Okanagan people in the region, this site has retained its importance as a gathering place for people of the surrounding communities.

1.3 RESEARCH AND POLICY CONTEXT

Several documents and resources provide background information and guide direction for MCRP. The most relevant to this Regional Park Master Plan include:



Left: City of Kelowna and Mission Creek Regional Park Context
Right: Walking trail in MCRP Sutherland Hills area

OFFICIAL REGIONAL PARK PLAN (BYLAW #884), 2000

The purpose of the Official Regional Parks Plan for the Central Okanagan (Bylaw 884)(ORPP) is to give direction on balancing the protection of the natural environmental, providing outdoor recreation opportunities, setting regional park priorities and providing environmental education opportunities in regional parks. MCRP is classified by the ORPP as a Natural Area Park. These types of parks offer opportunities to increase awareness and knowledge of the natural environment of the Okanagan Valley, and must contain regionally significant geological and physiographic features, vegetation communities or wildlife habitat. Passive recreational facilities in Natural Area Parks are restricted to internal trails, general open space, unique landscape features, interpretive facilities, and nature study areas.

The process for creating a management plan includes the opportunity for a public review and requires the approval of the RDCO board. As stated in the ORPP, the management plan should address such topics as programs and facilities, land acquisition, park classification, recreational activities, interpretation, maintenance, staffing, funding, and interest group agreements.

ENVIRONMENTAL OVERVIEW FOR MISSION CREEK REGIONAL PARK (BIOPHYSICAL INVENTORY), 2010 [ECOSCAPE ENVIRONMENTAL CONSULTANTS LTD.]

This environmental overview of the Mission Creek Regional Park was prepared to assist with the creation of this management plan. The overview outlines several recommendations for environmental improvements which include decommissioning trails, managing invasive species, balancing wildfire protection with critical wildlife habitat, limiting bicycle access to a designated trails, and restricting human activities and access to sensitive ecological areas.

RDCO REGIONAL PARKS DESIGN GUIDELINES, 2015

The Regional Parks Design Guidelines define five classes of trails: Major Multi-Use, Standard Multi-Use, Narrow Multi-Use, Nature and Wilderness. Trail networks comprised of a variety of these classes can accommodate a range of uses from wide multi-use commuter routes to peaceful nature trails.

Type 1	Major Multi-Use	Transportation corridor
Type 2	Standard Multi-Use	Recreation
Type 3	Narrow Multi-Use	Nature recreation
Type 4	Nature	Hiking
Type 5	Wilderness	Backcountry hiking



increasing user intensity, number of users, construction standard, maintenance standard and environmental impact

RDCO PARKS COMMUNITY WILDFIRE PROTECTION PLAN, 2020

This wildfire protection plan identified wildfire hazard areas that required treatment or monitoring within MCRP in 2020. Recommended treatments include forest thinning, surface fuel and hazard tree removal. Debris disposal methods range from pile and burn to chip and leave to chip and remove. Although surface fuels must be reduced to manage wildfire risk, some coarse woody debris will be retained to provide ecosystems benefits.

Fuel management prescriptions for specific sites must be developed by a qualified Registered Professional Forester. The expertise of biologists, geologists, hydrologists or archaeologists may also be required depending on the site.

REGIONAL PARKS VISITOR USE SURVEY RESULTS, 2016

In 2016, MCRP was one of three regional park to be included in a Visitor Use Survey Trial. Park visitors were intercepted by surveyors and invited to participate in this survey. Of the 326 respondents that took part in the survey, 116 were in MCRP. Results identified value orientations, park benefits, visitor satisfaction, recreational activities and management priorities of MCRP users as well as useful insights into use of and demands on the regional park system.

Survey respondents indicated the need to improve washrooms, provide more picnic tables and drinking fountains, create places where dogs could be off-leash and add parkland within the regional park system. Respondents prioritized nature protection over recreation. The priority management actions identified were protecting the natural environment, undertaking restoration, enhancing the protection of species and controlling invasive species.

MCRP was most valued by respondents as a place to hike and walk, spend time with family and friends and relax quietly. The main benefits respondents attributed to MCRP were experiencing nature and having a sense of community.

2 PARK OVERVIEW

2.1 SITE DESCRIPTION

Mission Creek Regional Park falls within the Ponderosa Pine very dry hot variant (PPxh1) which is the driest forested zone in British Columbia's provincial Biogeoclimatic Ecosystem Classification (BEC) System. The ponderosa pine forest in the south portion of the park has been considerably impacted by pine beetle infestation. Mature ponderosa pines serve as valuable wildlife trees for owls and woodpeckers.

The riparian and floodplain areas comprising much of the lowland portion of the park have been heavily disturbed by the introduction of berms, ditches and channels. Mission Creek is the main spawning channel for stream-spawning kokanee in Okanagan Lake. This creek passes through Mission Creek Regional Park and attracts many visitors during the annual salmon run in early fall.

2.2 PARK HISTORY

Mission Creek Regional Park sits upon a terrace of silt and clay deposited in the glacial Lake Penticton about 13,000 years ago. The receding Fraser Glacier left behind massive till, sand and gravel creating the hummocky terrain and kettle ponds which characterize the landscape of Sutherland Hills in the south area of the park.

Historically, Mission Creek was a wide and meandering creek which flooded annually as the winter snow melted. Beginning in the early 1900s, irrigation systems fed by this creek were built to support the local agricultural industry. By the 1950s the creek was channelized to protect residents living and working in its flood plain. Evidence of this history can be clearly seen within the park as the Mission Creek Greenway runs along the top of a dyke which directs the creek; an old irrigation channel behind the playground still flows with water in the summer, and traces of the path of the meandering creek are cut into the floodplain topography just south of Springfield Road and east of Leckie Road.

Traditionally, during kokanee spawning season, Mission Creek was an important fishing, trading and meeting place amongst local First Nations. Mission Creek was called N'wha-kwi-sen by the syilx people, meaning "smoothing stones". Later, the creek was named Mission Creek after the nearby Christian Mission, built in 1859. The creek served as an important transportation route to both the indigenous locals and early settlers. In 1996, Mission Creek was designated a BC Heritage River.

MCRP was established as a community nature park by the RDCO in the 1970s. In 1991, MCRP grew to include Sutherland Hills when RDCO received the land as a Crown grant. The land was to be used for the purposes of a natural park, recreation and the public enjoyment. As a result, most of the park development and amenities were built in the park area between Springfield Road and Mission Creek. Sutherlands Hill was left relatively natural over the year with minimal amenities.

The first phase of the Mission Creek Greenway was completed in 1998, enabling pedestrians, equestrians and cyclists to travel from as far as Lakeshore Road into the park to Ziprick Road. By 2005, the second phase extended the greenway from MCRP to Gallagher's Canyon.

2.3 EXISTING AMENITIES, FEATURES & USES

Mission Creek Regional Park contains the following park amenities and features:

- Environmental Education Centre for the Okanagan (EECO)
- Two cabins
- Playground, picnic shelter, washrooms, benches, picnic tables
- Kokanee spawning channel, children's fishing pond
- Hiking trails (natural and accessible)
- Access to the Mission Creek Greenway
- Ecosystems that support native wildlife



Cottonwoods Bridge over Mission Creek

A few heritage sites exist south side of Mission Creek, these include an old boy scout camp, remnants of a fish ladder and the site of a settler homestead.

Bikes are permitted on the Mission Creek Greenway and, within MCRP, on the service road that links Hall Road to the greenway. Motorized vehicles, overnight camping, open fires, and smoking are not permitted. Dogs are permitted and must be on-leash. Horses are allowed only on designated trails.

Hiking, walking, visiting the playground, interpretive programs and education are the primary user activities within the park.

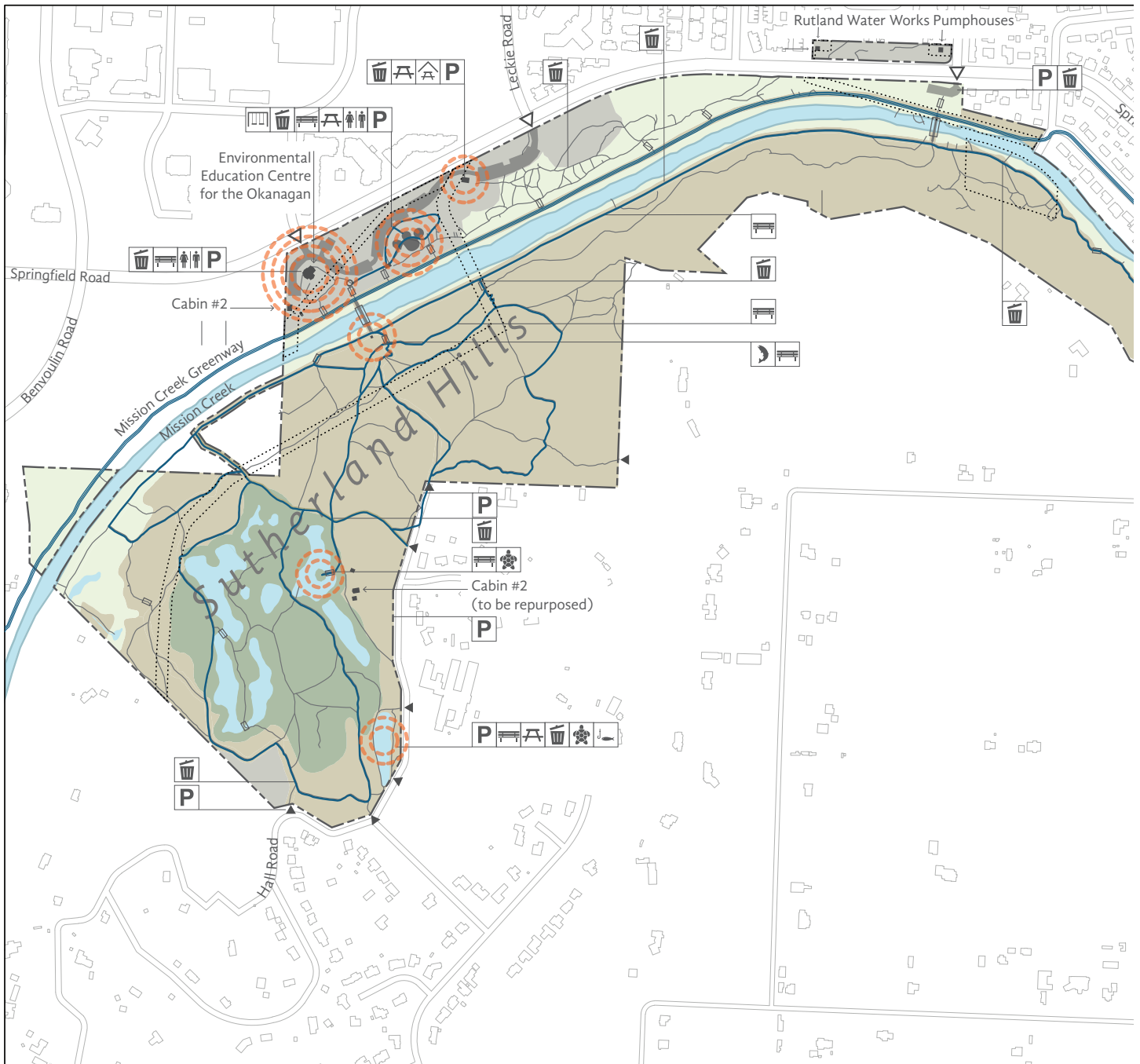
2.4 SITE ANALYSIS

The current uses and condition of the park was determined through an inventory of the existing trail network and park amenities (see the Site Analysis map on the following page), a review and update of the 2010 biophysical inventory (see Appendix B), and information collected from current stakeholders and users of the park. The site analysis map produced from this data illustrates that the majority of park activities and amenities are concentrated adjacent to Springfield Road near the EECO. All formal vehicular access points into the park are off of Springfield Road along the north edge of the park.

Areas of the park that require either redevelopment or restoration can be identified by a higher density of trails. These areas are being degraded by current park use. The park is underutilized to the east of the playground between the Leckie and Ziprick road entrances, where the lack of user activity and park amenities is evident on the site analysis map.

The Sutherland Hills area lacks amenities, vehicular access and clear wayfinding. Aside from the Fishing and Turtle ponds which draw visitors, this area of the park is less frequented by park users than areas adjacent to the greenway and creek. The Sutherland Hills area has numerous pedestrian access points used by residents of the Hall Road community or visitors to the area who park on Hall Road.

According to the Provincial records, there are no previously recorded archaeological sites located within the regional park. An archaeological overview assessment was performed by Ursus Heritage Consultants Ltd. to assess the archaeological potential in the regional park. The study identified several areas of archaeological potential. Future development in these areas may require further investigation and involve a preliminary field review by a professional consulting archaeologist.



SITE ANALYSIS

MISSION CREEK REGIONAL PARK

NTS



ACTIVITY NODE



UTILITY EASEMENT



EXISTING BRIDGE



BUILDINGS



DESIGNATED TRAIL



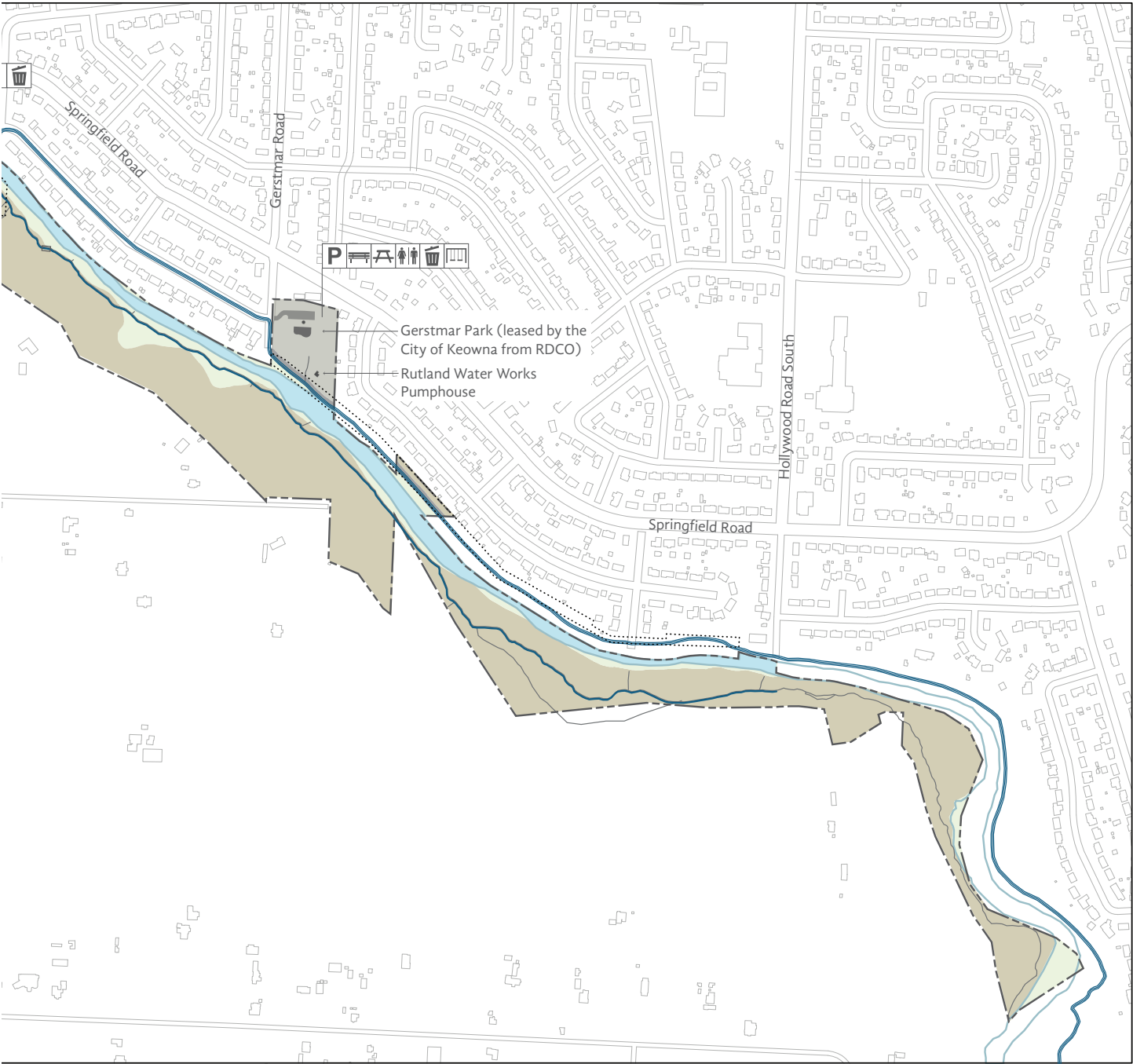
SANCTIONED TRAIL



VEHICULAR ACCESS POINT



PEDESTRIAN ACCESS POINT



PARK MANAGEMENT ZONES:

- ECOSYSTEM
- NATURAL ENVIRONMENT
- SPECIAL PRESERVATION
- PARK SERVICES

PARK AMENITIES & ACTIVITIES:

- BENCHES
- FISHING FOR CHILDREN
- KOKANEE VIEWING
- PARKING
- PICNIC TABLES
- PICNIC SHELTER
- PLAYGROUND
- TURTLE VIEWING
- WASHROOM BUILDING
- WASTE RECEPTACLE

2.5 SUMMARY OF STRENGTHS, WEAKNESSES, OPPORTUNITIES & THREATS

STRENGTHS

- Centrally located within the community with multi-modal access
- Established user base that cares about the park
- Established events and nature program offerings; destination for school trips
- Range of recreation opportunities (e.g. walking, hiking, fishing, children's programs, and picnicking)
- Popular playground
- Proximity to the Mission Creek Greenway makes it a hub for active transportation
- Availability of public meeting and event areas, both indoors and outdoors
- Wildlife viewing opportunities within the park (e.g. fish, turtles, birds, and mammals)
- Kokanee spawning channel
- Variety of habitat types (e.g. riparian, wetland, coniferous grassland, cottonwood stands)

WEAKNESSES

- Existing trail network includes many unsanctioned trails
- Wayfinding could be improved with better signage and a clearer trail hierarchy
- Lack of continuing education relating to users following park related bylaws
- Shortage of washrooms, benches, picnic tables, picnic shelters, water fill stations and waste receptacles in convenient, low-maintenance and practical locations
- Insufficient parking for high-use days

OPPORTUNITIES

- Establish a place-based, indigenous storytelling network in which the park acts as a storytelling hub that references stories throughout the region and encourages people to learn the stories of other places
- Provide resources to help people learn indigenous words and pronunciations for the places, plants, trees and animals in the park.
- Revitalize the East Park area to increase sanctioned activities in this area of the park
- Incorporate the Creekside Road portion of the Mission Creek Greenway into the park with the addition of a bridge crossing at Gerstmar Road
- Grow Kelowna's active transportation network by formalizing a bicycle commuter link from the Hall Road community to the Mission Creek Greenway
- Redevelop an area off of Hall Road with a parking area and other amenities to improve access to the Sutherland Hills part of the park
- Increase nature-based play opportunities for children of all ages
- Expand and improve the wayfinding and trail system in the park to provide a range of trail uses
- Improve ecological integrity and wildlife viewing opportunities by protecting and enhancing wildlife habitat and creating viewing structures and areas
- Expand indoor and outdoor options for community programs and rentals and for Regional Parks Visitor Services office space and program areas
- Act as an outdoor classroom for the community for climate change and the environment
- Create an Accessibility Resource Centre to provide program opportunities that support inclusive and accessible park activities and programs
- Provide an off-leash dog area for local dog owners and to increase compliance with on-leash bylaws for the rest of the park

THREATS

- Effects of climate change, such as drought, flooding, wildfires, landslides, invasive species and temperature extremes
- Increasing urban density may lead to an increase in user conflict, pressure on core habitat areas and park & infrastructure maintenance requirements

3 ENGAGEMENT PROCESS

3.1 ENGAGEMENT PROCESS SUMMARY

Public engagement began in September of 2019 at the Kikinee Festival at Mission Creek Regional Park. Park users were invited to share information about their typical usage, along with their thoughts and experiences of the park, at an information booth using feedback panels. There were 80 groups of participants ranging in size from 2 to 5 people at this event. An online survey was sent out to the general public in tandem with the Kikinee Festival to gather input from an additional 110 users of the park that were unable to attend the event. As part of this phase of engagement nine stakeholder groups were represented in a meeting to discuss the current and future demands on the park. Westbank First Nation, RDCO's Visitors Services and the City of Kelowna's Integrated Water Project were consulted individually. Further stakeholder participation was solicited through a questionnaire to which three additional stakeholders responded.

One of the most valuable features of this park was identified as its ability to offer nature experiences in an urban area. Topics of importance identified by public and stakeholder participants included accessible nature experiences, community gathering, nature education and cultural interpretation, active transportation and passive recreational opportunities, ecological conservation and enhancement, and climate change adaptation.

The most common park activities were found to be walking, cycling, playing and hiking. Park users commented on the need for more washrooms, benches, picnic tables, shade shelters, year round trail access, water fountains and waste receptacles. Overall there is a desire to keep the park natural and to improve wayfinding.

Based on the information gathered from the public and park stakeholders, the consultation team prepared a draft management plan concept for the entire park. The concepts, along with the project overview and timeline, the draft vision statement and summary of engagement results were presented on information panels.

An open house was held at the EECO in December of 2019. The public was encourage to leave comments on feedback panels or through a survey available on paper and online. The information panels were available on the RDCO's website. The open house was attended by 21 people and the survey completed by 63 participants. Overall comments were positive with only minor suggestions for improvements. The most popular proposal was a greenway connection through the park via a new Gerstmar pedestrian bridge over Mission Creek. There was strong support for all conservation and restoration initiatives. The most controversial proposals were the expanded parking lot in East Park, an off-leash dog trail and an early mountain riders trail through a Cottonwood forest.

4 MANAGEMENT PLAN

4.1 VISION

The public and park stakeholders were informed and involved in defining the future direction for Mission Creek Regional Park through a series of engagement events. The culmination of this process was the creation of a vision statement which will be used to guide future development, operations and stewardship of this park.

MISSION CREEK REGIONAL PARK VISION STATEMENT

Mission Creek Regional Park is a natural sanctuary in the heart of the Central Okanagan, a historical gathering place that connects people with nature, culture, outdoor recreation, and community while conserving the unique ecological values of our region. The park showcases a commitment towards the protection of ecological spaces, the delivery of nature education and interpretation programs, and place for outdoor experiences. This is an inclusive and accessible place where current and future generations of people will gather.

4.2 PARK USES

Appropriate uses of MCRP trail network include walking, hiking, adaptive-hiking, horseback riding, adaptive cycling, and cycling for recreation and to commute. Amenities are provided to facilitate picnicking, playing, learning and gathering for community and private events.

4.3 PARK CARRYING CAPACITY

Park carrying capacity refers to the amount of use a park area can withstand before either the visitor’s experience or environmental integrity is compromised. MCRP is already showing a few signs of over-use in the form of rogue trails and widening paths. The RDCO estimated that there were 100,000 visits to MCRP in 2018. As the population in Kelowna is projected to grow from 132,000 to 180,000 over the next 20 years, the number of visits to MRCP a year can easily be expected to rise to 135,000 by 2040.

To maintain the visitor’s experience and health of wildlife habitat, the carrying capacity of MCRP must be measured and managed. The Visitor User Management Framework was developed by the Interagency Visitor User Management Council of the United States and has been adopted by Parks Canada and adapted and used by BC Parks. This framework is a tool for defining, managing and monitoring visitor capacity and impacts on park land. In this management plan, this framework will be used to define park management objectives, identify conditions to monitor and evaluate, and establish management strategies for each park management zone.

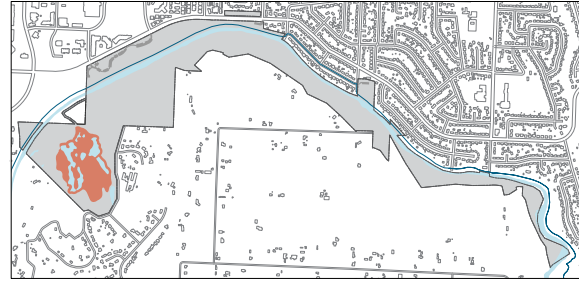
Management Objectives	Monitoring and Evaluating Current Conditions	Management Actions and Strategies
Define desired conditions, and appropriate uses and amenities	Identify user-related impacts, conditions to monitor and minimal acceptable conditions	Establish strategies and actions to achieve and maintain desired conditions

4.4 PARK MANAGEMENT ZONES

Permitted activities and amenities along with management priorities are attributed to each of the five park management zones: special preservation, ecosystem, natural environment, outdoor recreation and park services. RCDO named these park management zones in the ORPP and they are designated for MCRP by Ecoscape in the 2020 biophysical inventory update to the 2010 Environmental Assessment (See Appendix B).

SPECIAL PRESERVATION

The wetlands in the western end of the MCRP are designated a Special Preservation management zone. This area is a high conservation and educational priority. Wetlands are rare in the Okanagan Valley where 85 percent of wetland habitat has been lost. This area provides critical habitat for rare and endangered species and indirectly supports wildlife in nearby habitat types.



Special Preservation Management Zone in MCRP

In the interest of conserving this ecologically significant area, the 2010 environmental assessment recommended offering little or no human access to these wetlands and eliminating the area's trail network. If this park were classified as a Conservation Park where recreation is subordinate to habitat values, limiting human access to this area would be appropriate. However, MCRP is classified as a Natural Area Park and is committed to its interpretative and educational programs. Development around these wetlands will be minimized and where development occurs, it will be done in a manner that is respectful to the environment.

Management Objectives

Desired Conditions:	A minimal trail network of narrow nature trails through critical wildlife habitat
Appropriate Amenities:	Viewing platforms and boardwalks strategically located to reduce disrupting wildlife and limit user access to sensitive habitat
Appropriate Uses:	<ul style="list-style-type: none"> • Walking • Wildlife viewing/monitoring and interpretation • Dogs on-leash

Monitoring and Evaluating Current Conditions

User-related Impacts:	<ul style="list-style-type: none"> • Informal trails • Trail widening • Crowding • Off-leash dogs and dog waste
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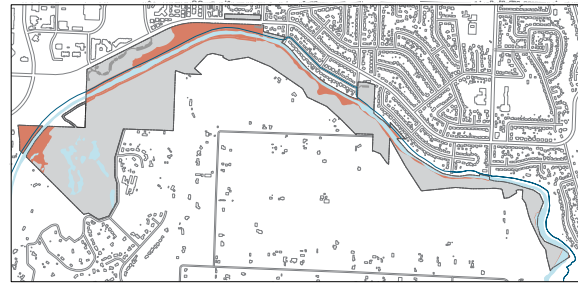
Minimal acceptable conditions:	<p>Environmental Conditions</p> <ul style="list-style-type: none"> Bare earth: < 20% increase in bare earth Vegetation loss: < 20% decrease in density Water quantity & quality: Adequate to sustain fishing pond Number of turtle sightings: No downward trend for more than 3 years Density of informal trails: No new informal trails are established annually Trail width: < 25% increase in width <p>Social Conditions</p> <ul style="list-style-type: none"> Use conflict reports: < 5 valid reports per use per year Maximum people at Evelyn Island: < 25 people at a time Maximum people per viewscape on trail: < 4 person on 50 m trail at a time Maximum number of group encounters: < 2 group encounters 80% of the time <p>Managerial Conditions</p> <ul style="list-style-type: none"> Dogs off-leash and cleanup: < 5 dog service requests per month
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Management Strategies

Development:	<ul style="list-style-type: none"> Mark all entrances with baffle gates to draw awareness to the management of this special preservation area Keep visitors on the sanctioned trails through improved wayfinding Utilize low split rail barriers and vegetative barriers to minimize human impact
Maintenance:	<ul style="list-style-type: none"> Temporarily close trails when they impact critical wildlife habitat Invasive and non-native species removal and restoring/enhancing habitat
Education:	<ul style="list-style-type: none"> Explain demonstration conservation efforts Foster wildlife recognition and appreciation Communicate the importance of wetlands for local residents and wildlife Inform public of appropriate activities and behavior in this area

ECOSYSTEM

The fragmented bands and patches of black cottonwood communities along either side Mission Creek are designated Ecosystem management zones. Due to the extensive channelizing and dyking of the creek, riparian ecosystems containing black cottonwoods have become relatively rare. The remaining black cottonwoods provide critical habitat to a variety of rare and endangered species. Wildlife tree-dependent bird and bat species rely on the presence of these trees to provide nests, roosts and foraging opportunities. It is worthwhile to note that mature, dead and decaying black cottonwoods are of critical importance to some wildlife, as are the abandoned nesting cavities in these trees for species known as secondary cavity nesters. Conserving black cottonwood communities is a priority over human recreation.



Ecosystem Management Zone in MCRP

Management Objectives

Desired Conditions:	Conserve remnants of cottonwood communities for habitat and interpretive opportunities while maintaining trail network of narrow and standard trails
Appropriate Amenities:	Viewing platforms strategically located for education and interpretation
Appropriate Uses:	<ul style="list-style-type: none"> • Walking • Wildlife viewing/monitoring • Interpretation and accessing other recreational areas in the park • Dogs on-leash

Monitoring and Evaluating Current Conditions

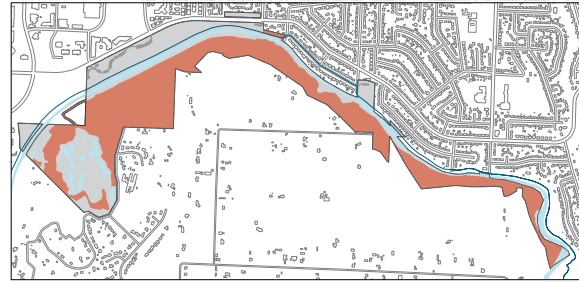
User-related Impacts:	<ul style="list-style-type: none"> • Informal trails • Trail widening • Crowding • Unsanctioned activities like camping • Off-leash dogs and dog waste
Minimal acceptable conditions:	<p>Environmental Conditions</p> <ul style="list-style-type: none"> • Bare earth: < 20% increase in bare earth • Vegetation loss: < 20% decrease in density • Density of informal trails: No new informal trails are established annually • Trail width: < 25% increase in width <p>Social Conditions</p> <ul style="list-style-type: none"> • Use conflict reports: < 5 valid reports per use per year • Maximum people per viewscape on trail: < 8 person on 50m trail at a time • Maximum number of group encounters: < 2 group encounters 80% of the time <p>Managerial Conditions</p> <ul style="list-style-type: none"> • Unsanctioned campsites: No campsites are reported monthly • Dogs off-leash and cleanup: < 5 dog service requests per month

Management Strategies

Development:	<ul style="list-style-type: none"> • Undertake ecological restoration and habitat enhancement projects • Keep visitors on the sanctioned trails through improved wayfinding • Utilize low split rail barriers and vegetative barriers to minimize human impact
Maintenance:	<ul style="list-style-type: none"> • Temporarily close trails when they impact critical wildlife habitat • Leave mature trees, including those that are dead and/or decaying, unless they be an immediate public safety hazard • Invasive species removal and restoring/enhancing habitat
Education:	<ul style="list-style-type: none"> • Wildlife recognition and appreciation • Importance of riparian areas for local residents and wildlife • Inform public of appropriate activities and behavior in this area • Develop volunteer support projects to assist with ecological restoration and invasive plant species management

NATURAL ENVIRONMENT

The open coniferous forest that dominates the park on the south side of Mission Creek is designated as a Natural Environment management zone. This wildlife habitat area will support approved recreational uses of the trail network and interpretative walking and play programs. Efforts to maintain ecosystem health and support critical wildlife trees in this area should to be sustained.



Natural Environment Management Zone in MCRP

Management Objectives

Desired Conditions:	Formalized trail network providing recreational opportunities and areas for children's open play as part of park interpretative programs
Appropriate Amenities:	<ul style="list-style-type: none"> • Bear-proof waste receptacles • Benches • Dog bag stations • Wayfinding signage • Interpretative shelters/platforms
Appropriate Uses:	<ul style="list-style-type: none"> • Approved recreational uses of the trail network and wildlife viewing • Dogs on-leash • Dogs off-leash on designated off-leash trail

Monitoring and Evaluating Current Conditions

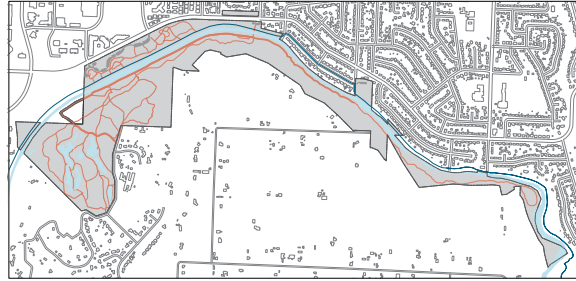
User-related Impacts:	<ul style="list-style-type: none"> • Informal trails • Trail widening • Crowding • Unsanctioned activities like camping • Off-leash dogs and dog waste • Dog conflicts
Minimal acceptable conditions:	<p>Environmental Conditions</p> <ul style="list-style-type: none"> • Bare earth: < 20% increase in bare earth • Vegetation loss: < 20% decrease in density • Density of informal trails: No new informal trails are established annually • Trail width: 25% increase in width • Dog conflicts with wildlife: < 5 reports a year <p>Social Conditions</p> <ul style="list-style-type: none"> • Use conflict reports: < 5 valid reports per use per year • Maximum people per viewscape on trail: < 8 person on 50 m trail at a time • Maximum number of group encounters: < 6 group encounters 80% of the time <p>Managerial Conditions</p> <ul style="list-style-type: none"> • Unsanctioned campsites: < 2 campsite reported a month • Dogs off-leash and cleanup: < 5 dog service requests per month

Management Strategies

Development:	<ul style="list-style-type: none"> • Undertake ecological restoration and habitat enhancement projects • Keep visitors on the sanctioned trails through improved wayfinding • Utilize low split rail barriers and vegetative barriers to minimize human impact
Maintenance:	<ul style="list-style-type: none"> • Temporarily close trails when they impact critical wildlife habitat • Leave mature trees, including those that are dead and/or decaying, unless they be an immediate public safety hazard • Invasive species removal and restoring/enhancing habitat
Education:	<ul style="list-style-type: none"> • Habitat recognition and appreciation • Native vegetation • Proper dog etiquette • Inform public of appropriate activities and behavior in this area

OUTDOOR RECREATION

The Outdoor Recreation management zone consists of all existing designated trails within the park. To support local connections to a growing regional active transportation network, this zone includes a commuter route comprised of a narrow corridor connecting Hall Road to the Greenway.



Outdoor Recreation Management Zone in MCRP

Management Objectives

Desired Conditions:	Provide an circulation throughout the par
Appropriate Amenities:	Wayfinding signage
Appropriate Uses:	<ul style="list-style-type: none"> • Commuter cycling • Mountain biking • Horseback riding • Walking • Dogs on-leash

Monitoring and Evaluating Current Conditions

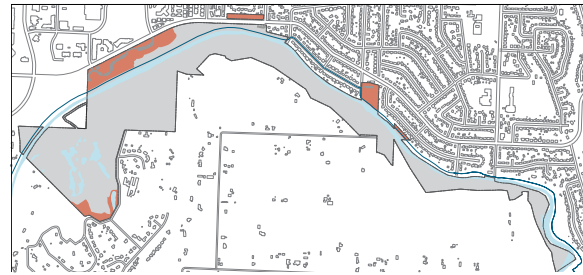
User-related Impacts:	<ul style="list-style-type: none"> • Trail conflicts • Crowding • Littering • Off-leash dogs and dog waste
Minimal acceptable conditions:	<p>Social Conditions</p> <ul style="list-style-type: none"> • Use conflict reports: <i><5 valid reports per use per year</i> • Visitor satisfaction: <i>< 20 reasonable complaints a year</i> <p>Managerial Conditions</p> <ul style="list-style-type: none"> • Trail width: <i>< 25% increase in trail width</i> • Dogs off-leash and cleanup: <i>< 5 dog service requests a month</i>

Management Strategies

Development:	<ul style="list-style-type: none"> • Upgrading of facilities
Maintenance:	<ul style="list-style-type: none"> • Maintenance and operation of facilities
Education:	<ul style="list-style-type: none"> • Park etiquette

PARK SERVICES

Areas in MCRP that are already developed or environmentally disturbed are designated as Park Services management zones. Future recreational infrastructure and program facilities should be focused in these areas. These parts of the park will accommodate key amenities necessary for visitor enjoyment and access such as accessible washrooms, picnic areas and parking.



Park Services Management Zones in MCRP

Management Objectives

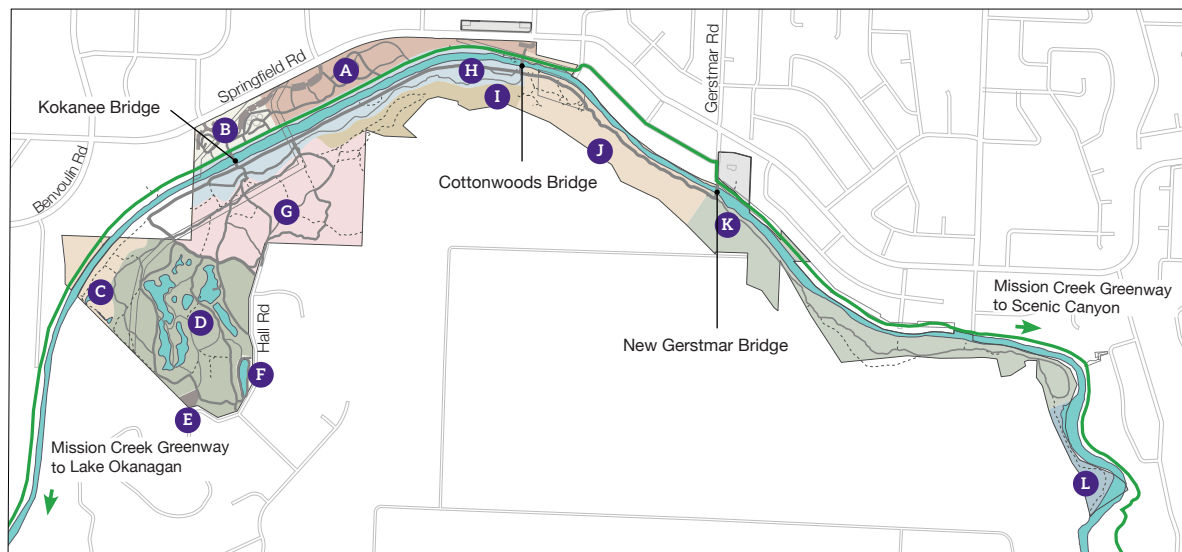
Desired Conditions:	Concentrate recreational facilities in these areas which will include accessibility pathways and connecting walking trails
Appropriate Amenities:	<ul style="list-style-type: none"> • Significant interpretative and outdoor education facilities and features • Shade shelters • Turf areas • Play areas • Picnic areas • Event spaces • Parking • Accessible washrooms • Benches • Bear-proof waste receptacles • Water fountains • Bike racks • Bike stations • Wayfinding signage • Park maps
Appropriate Uses:	<ul style="list-style-type: none"> • Gathering • Learning • Picnicking • Playing • Walking • Dogs on-leash

Monitoring and Evaluating Current Conditions

User-related Impacts:	<ul style="list-style-type: none"> • Crowding • Littering • Unsanctioned activities like camping • Off-leash dogs and dog waste
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4.5 CONCEPT PLAN

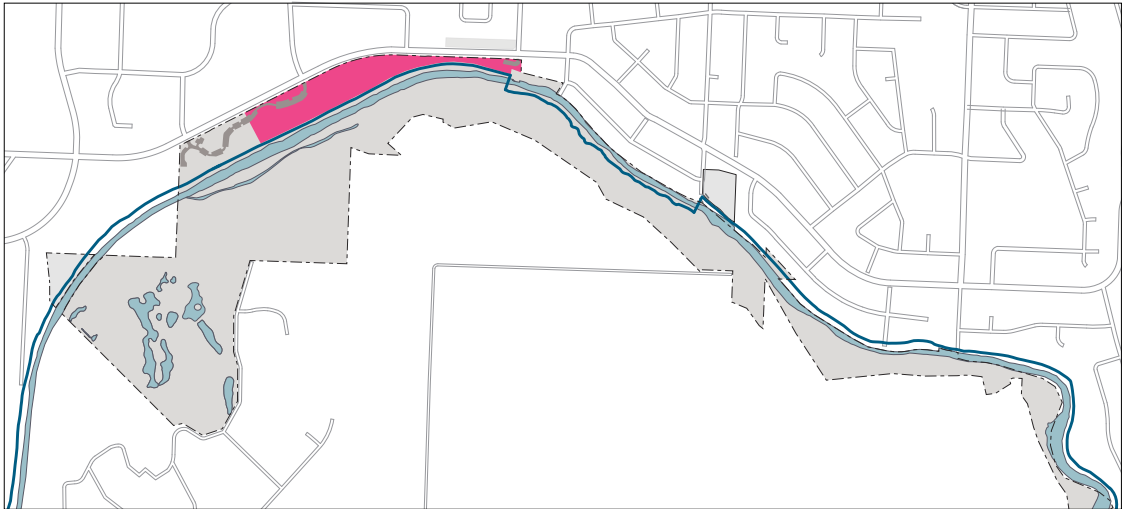
Mission Creek Regional Park is the most complex park in the Regional Parks System for programming. To facilitate understanding, this plan has divided the park into areas based on user activities and management zone. The areas are defined here and may be read with the Concept Plan map. From a synthesis of each area's unique user needs, allowed uses and operational requirements, descriptions of appropriate development activities are provided. The following section 5: Management Recommendations, will then present specific recommendations to implement the Concept Plan.



AREAS KEY

- | | |
|---|---|
| A East Park Redesign | G Uplands Walking Area |
| B Gathering & Education Place | H Stream-side Walking Loop |
| C Cottonwood Forest Conservation | I Cliffside Erosion Control Area |
| D Sutherland Hills Restoration | J New Greenway Connection |
| E Hall Road Parking Area | K Off-leash Dog Trail |
| F Fishing Pond Improvements | L East Arm Conservation |

AREA A. EAST PARK REDESIGN



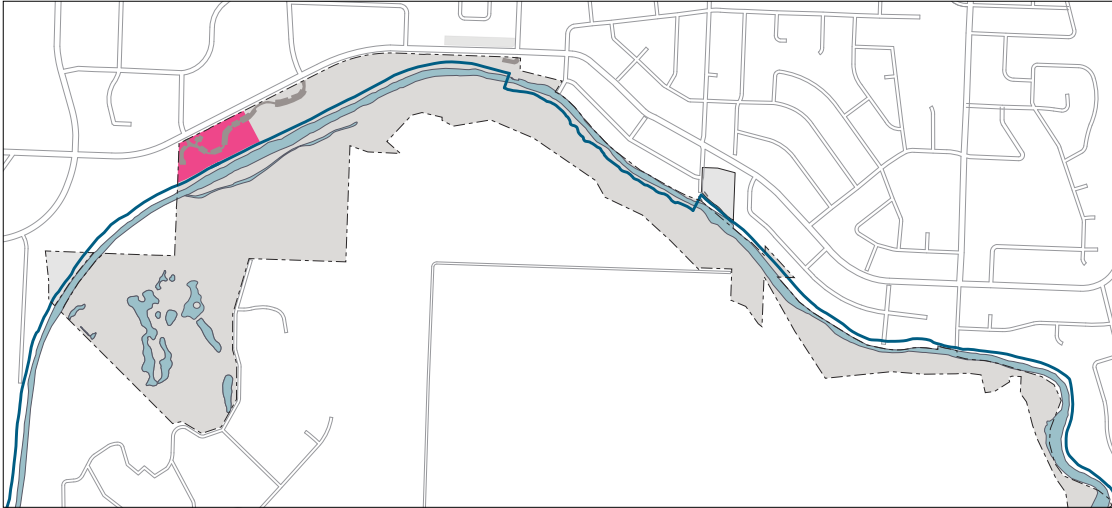
East Park is an underutilized portion of the park that is adjacent to Springfield and East of the playground. Since most of East Park lies within the Outdoor Recreation management zone, it is possible to build new amenities in this area to accommodate the region’s growing population.

Within the Outdoor Recreation management zone, expand the parking lot, provide accessible public washrooms, build a new Regional Parks Accessibility Resource Centre, create a bookable public outdoor event space that includes covered seating, plaza, picnic shelter and large lawn and develop an interpretative floodplain area with a nature obstacle course. To improve the existing features in this area, resurface the pathway connection from parking lot to the Greenway, replace the existing picnic shelter and expand lawn area near playground to create a flexible recreational space.

Within the Ecosystem management zone, maintain and restore the native forest buffer along the Greenway and make efforts to preserve critical wildlife trees in this area’s cottonwood community.

Management Zone:	Outdoor Recreation and Ecosystem
Current Use:	Walking a braided network of unsanctioned trails

AREA B. GATHERING AND EDUCATION PLACE

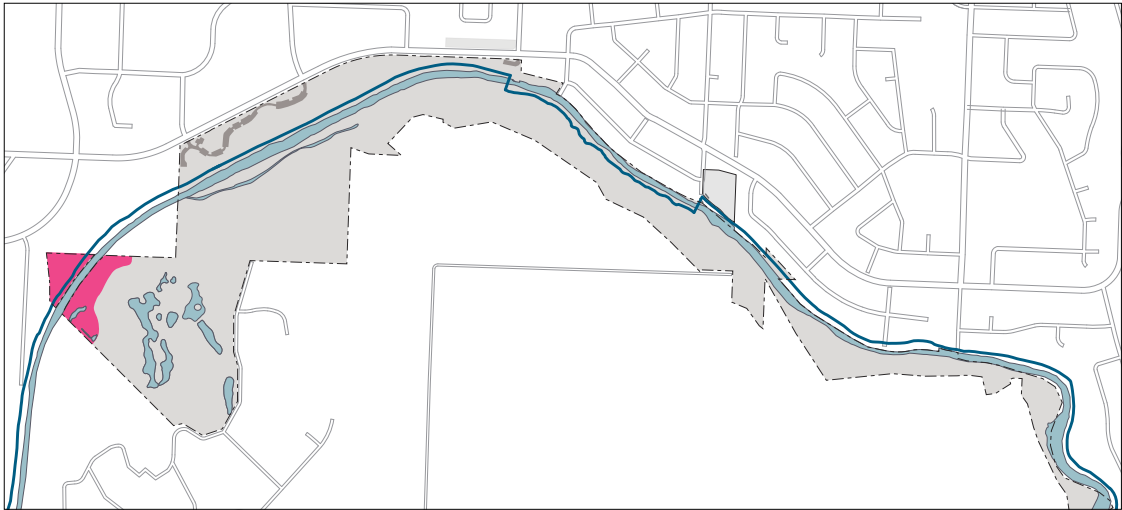


This area includes the EECO and playground. To continue to provide programs and activities that support environmental and cultural education, create a cultural node with First Nations programming, build a covered outdoor gathering area, improve circulation and redevelop the area on the south side of the EECO building to enhance the outdoor education experience.

MCRP will be the central hub of the RDCO's First Nations storytelling network whose aim will be to introduce the public to different First Nations stories related to the land in this region.

Management Zone:	Outdoor Recreation
Current Use:	Environmental education and interpretative programs, children's play and picnicking

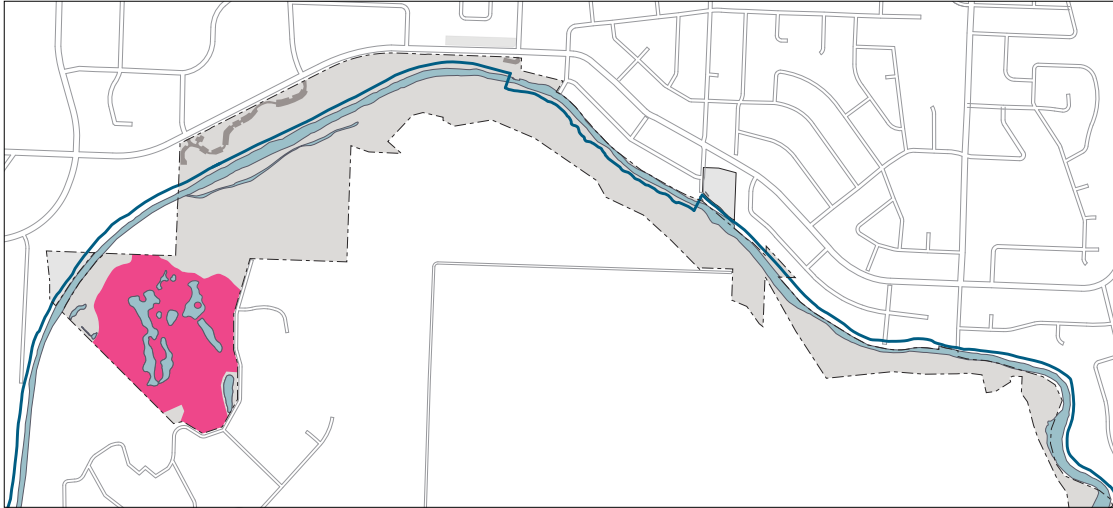
AREA C. COTTONWOOD FOREST CONSERVATION



The patch of cottonwood trees located in the western corner of the park is one of the few remaining examples of a native Mission Creek floodplain ecosystem. To conserve this ecosystem for future nature interpretation and preserve its habitat value, trails in this area will be decommissioned and a viewing platform in the adjacent Sutherland Hills area will allow park users to appreciate this cottonwood forest remnant without impacting this special ecosystem.

Management Zone:	Ecosystem
Current Use:	Birding, walking and unsanctioned activities

AREA D. SUTHERLAND HILLS EDUCATIONAL ZONE



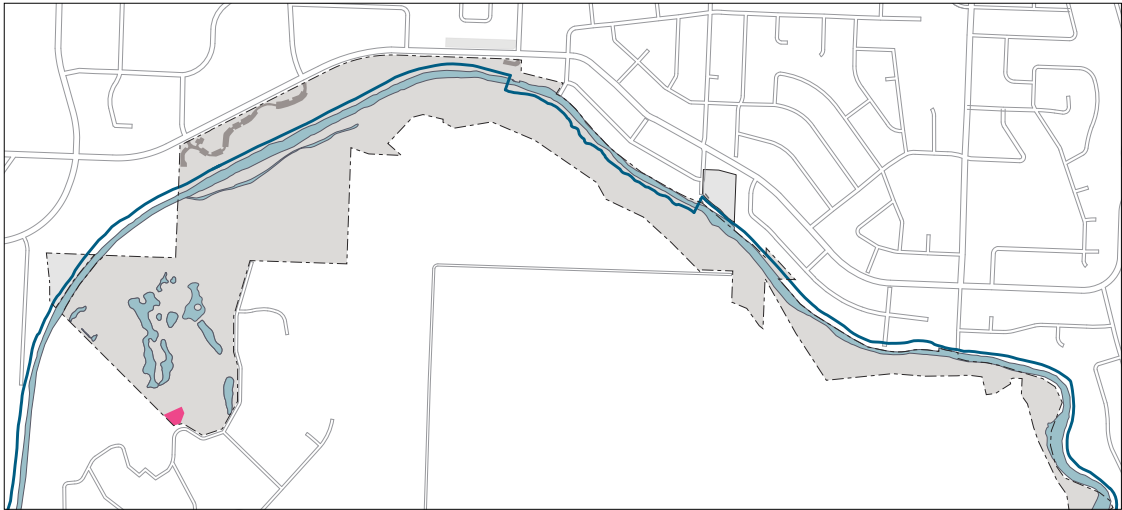
Walking through Sutherland Hills on its many trails offers a variety of sensory experiences as visitors pass from native wetlands to forest to grasslands. The Sutherland Hills contains the park's rarest ecosystem - a series of wetlands comprised of kettle ponds linked by pipes and maintained using auxiliary water sources. To provide wildlife viewing opportunities for visitors while protecting this sensitive and beautiful nature area, the wetlands in Sutherland Hills and the area around it will be treated as a restoration area.

To preserve critical wildlife habitat in this area, decommission redundant trails to increase patch size, manage invasive plant species and enhance existing habitat. To minimize visitor impact to this area and enable respectful wildlife viewing, provide viewing platforms and construct access barrier to keep people on sanctioned trails.

Turtle Pond is one of the most popular destinations in Sutherland Hills. This area lies within the Special Preservation management zone. Evelyn Island is denuded of much of its pondside vegetation due to the unrestricted movement of visitors. Restore the vegetation on this island, and build a viewing platform and boardwalk to protect this area from foot traffic. Replace the existing bridge and incorporate a teaching shelter near Cabin #2 to accommodate classes. Consider habitat enhancements and opportunities for volunteers and local naturalists to support the local turtle population.

Management Zone:	Special Preservation and Natural Environment
Current Use:	Birding, gathering to learn about nature, wildlife viewing, walking and park interpretation

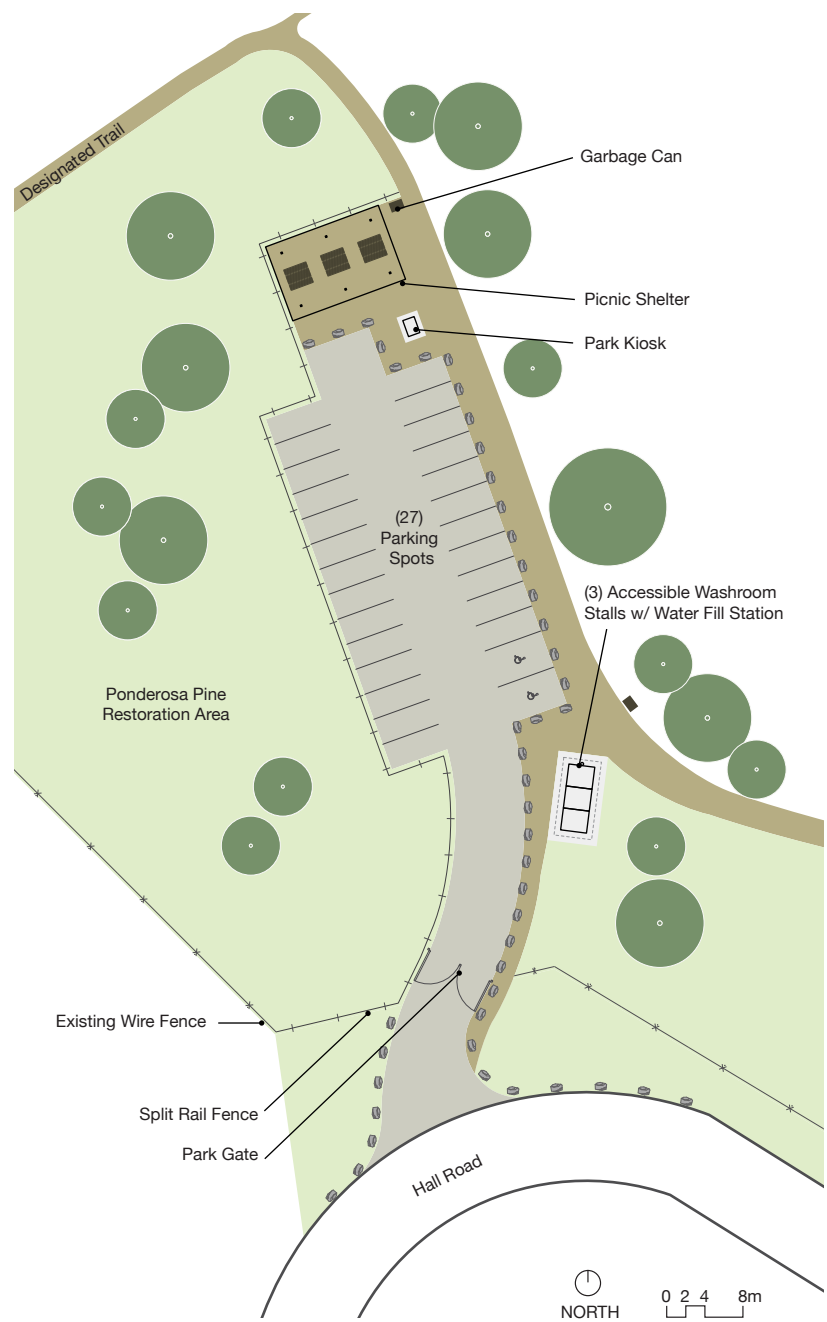
AREA E. HALL ROAD PARKING AREA



Sutherland Hills receives fewer visitors than other park areas such as the EECO, playground or greenway. To encourage more of the public to discover this part of the park, facilitate access by building a parking area off of Hall Road in the southwestern tip of the park. This area is highly disturbed and greatly impacted by the western pine beetle attack that took place in mid-2000. The redevelopment of this area will include its ecological restoration and the control and monitoring of invasive plant species.

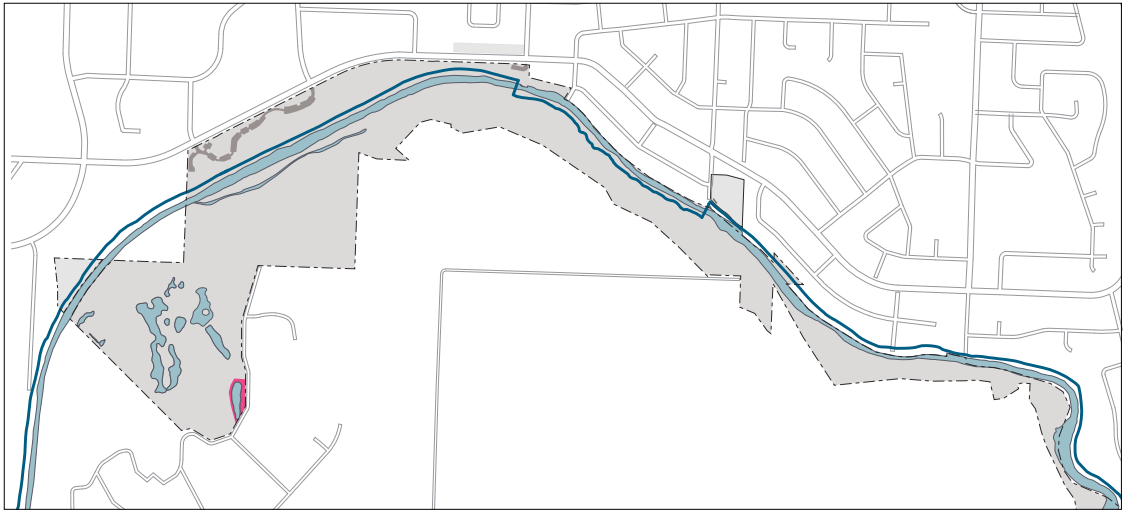
The parking area will include a standard-sized picnic shelter, 3 washroom stalls (including one accessible), a water fill station, a vehicle entrance gate and up to 27 parking stalls (including two accessible).

Management Zone:	Outdoor Recreation
Current Use:	Area disturbed by park maintenance



HALL ROAD PARKING AREA CONCEPT

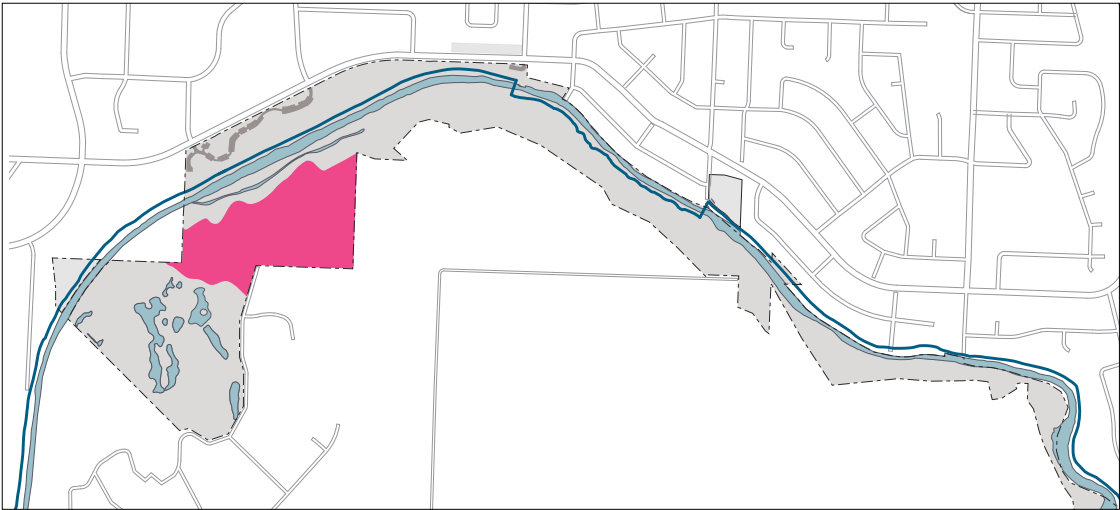
AREA F. FISHING POND IMPROVEMENTS



The fishing pond off of Hall Road in Sutherland Hills is used by the popular Go Fish and Learn to Fish programs. These programs are sponsored by Ministry of Environment and Climate Change Strategy, Freshwater Fisheries Society of BC and the Summerland Trout Hatchery. To better support outdoor learning activities at the pond, improve the presentation area at road-level for education programs, install two accessible fishing platforms to provide children easier access to the pond to fish, manage pond vegetation and consider improving fish habitat. To promote access for all to quality nature experiences, formally designate the existing parking at the pond as accessible parking only.

Management Zone:	Natural Environment
Current Use:	Children’s learn to fish and other interpretative/educational programs

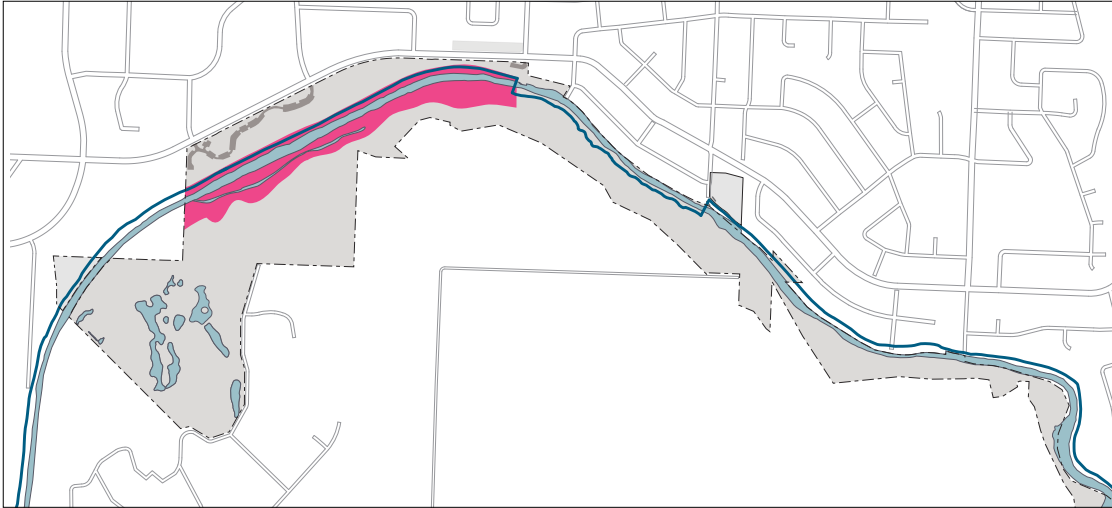
AREA G. UPLANDS WALKING AREA



The eastern portion of Sutherland Hills is a ponderosa pine forest with a network of Type 2 - Standard Multi-Use trails. To facilitate use of this area of the park, wayfinding must be improved. This can be achieved by clarifying trail circulation, decommissioning redundant trails and implementing a unified signage strategy for MCRP. To improve the visitor's experience in this area, place benches at strategic locations.

Management Zone:	Natural Environment
Current Use:	Running clubs, walking and hiking trails and interpretative programs

AREA H. STREAMSIDE WALKING LOOP

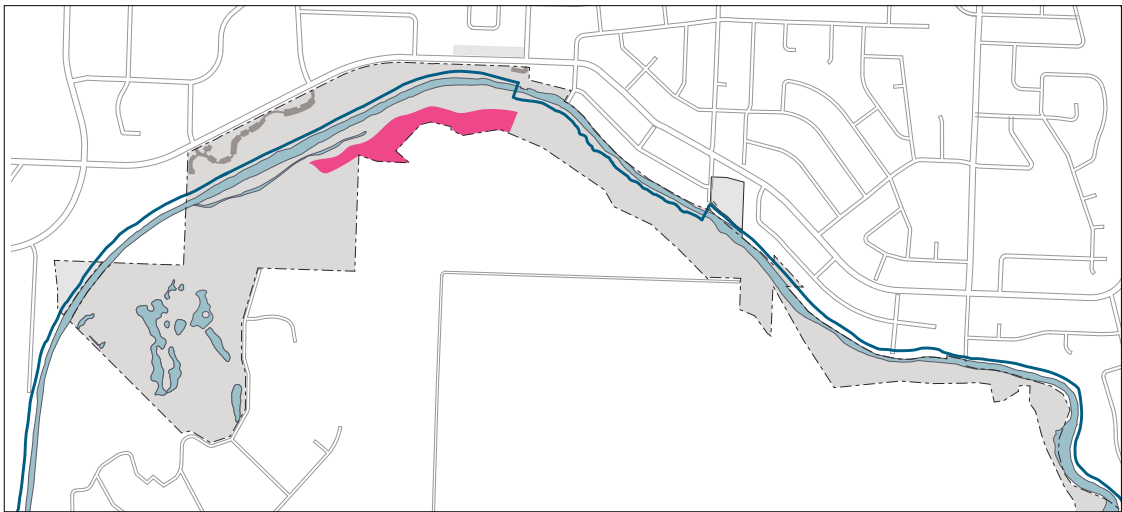


It is popular with visitors to create a loop by walking along the Greenway, over the Kokanee bridge, along Soopollalie Trail inside MCRP and then returning to the Greenway over the Cottonwoods bridge. This route passes alongside the kokanee spawning channel which is a valuable area for park interpretation and education. To create more educational opportunities, improve the spawning channel by building viewing platforms, adding fencing to keep visitors out of the spawning channel and enhancing kokanee salmon habitat where possible.

To enable four season use of this walking loop, prioritize winter maintenance, and improve drainage for Soopollalie Trail between Kokanee and Cottonwoods bridges.

Management Zone:	Natural Environment
Current Use:	Walking, kokanee viewing, interpretative programs and biking along Soopollalie Trail

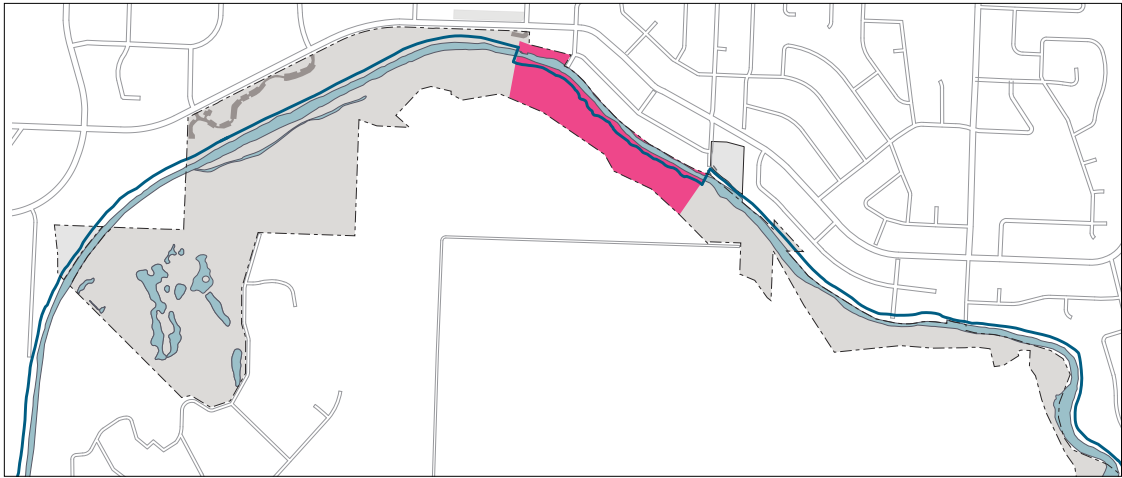
AREA I. CLIFFSIDE EROSION CONTROL AREA



A landslide occurred in March of 2019 on the slope southeast of the spawning channel. As a result of this event, several trails were swept away. This area is closed to the public and should remain so. To limit rogue access to the unstable slope, decommission trails that lead to this area, use permanent fencing and signage to indicate that this area is off-limits and increase enforcement.

Management Zone:	Natural Environment
Current Use:	Walking unsanctioned trails over a landslide

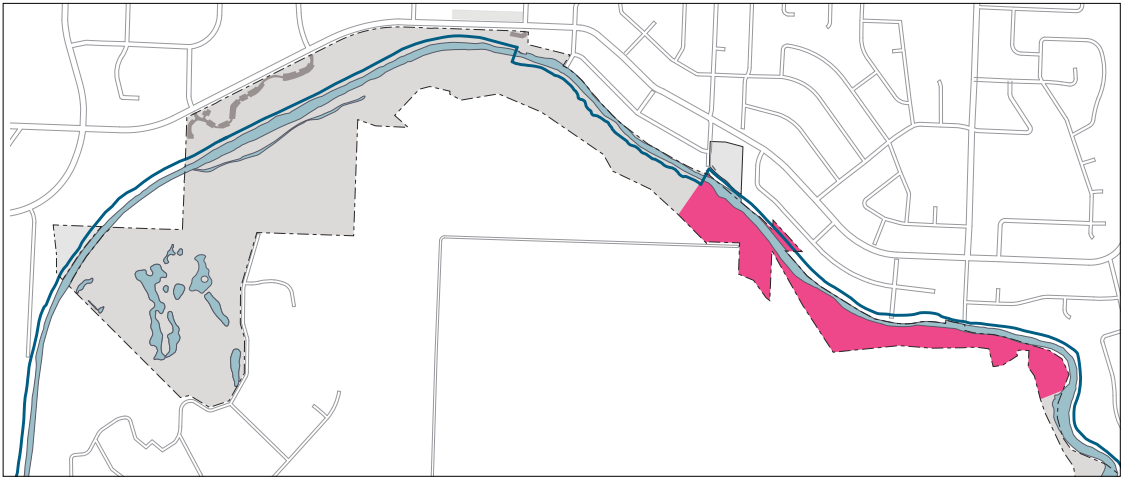
AREA J. NEW GREENWAY CONNECTION



Currently a portion of the Greenway runs through a residential neighbourhood along Creekside Road, between Graham and Gerstmar Roads. To enable a Greenway connection through the park as an alternative to the current connection along Creekside Road, enable park access with a new Gerstmar Bridge over Mission Creek, upgrade the Ziprick Parking Lot and resurface the trail to meet the existing Type 1 Major Multi-Use trail standard.

Management Zone:	Ecosystem and Natural Environment
Current Use:	Walking trail and unsanctioned activities

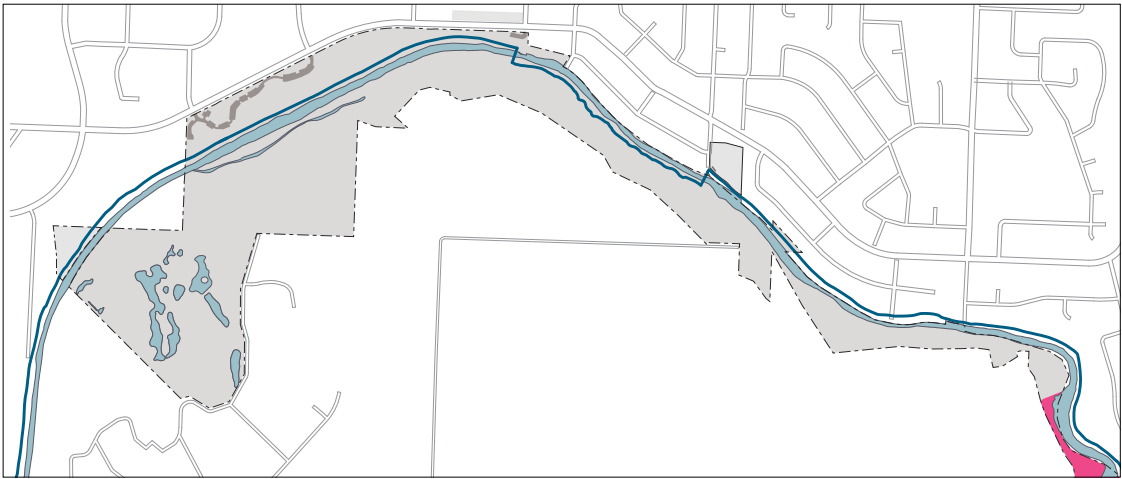
AREA K. OFF-LEASH DOG TRAIL



An off-leash dog trail will be tested as a pilot project on the trail that runs along the creek east of the proposed Gerstmar bridge crossing. To support this initiative, add an off-leash trail entry gate at the bridge access point, install off-leash dog etiquette signage, provide waste receptacles with dog bag stations and resurface the trail to meet the Type 3 Narrow Multi-Use trail standard.

Management Zone:	Ecosystem and Natural Environment
Current Use:	Walking trail and unsanctioned activities

AREA L. EAST ARM CONSERVATION AREA

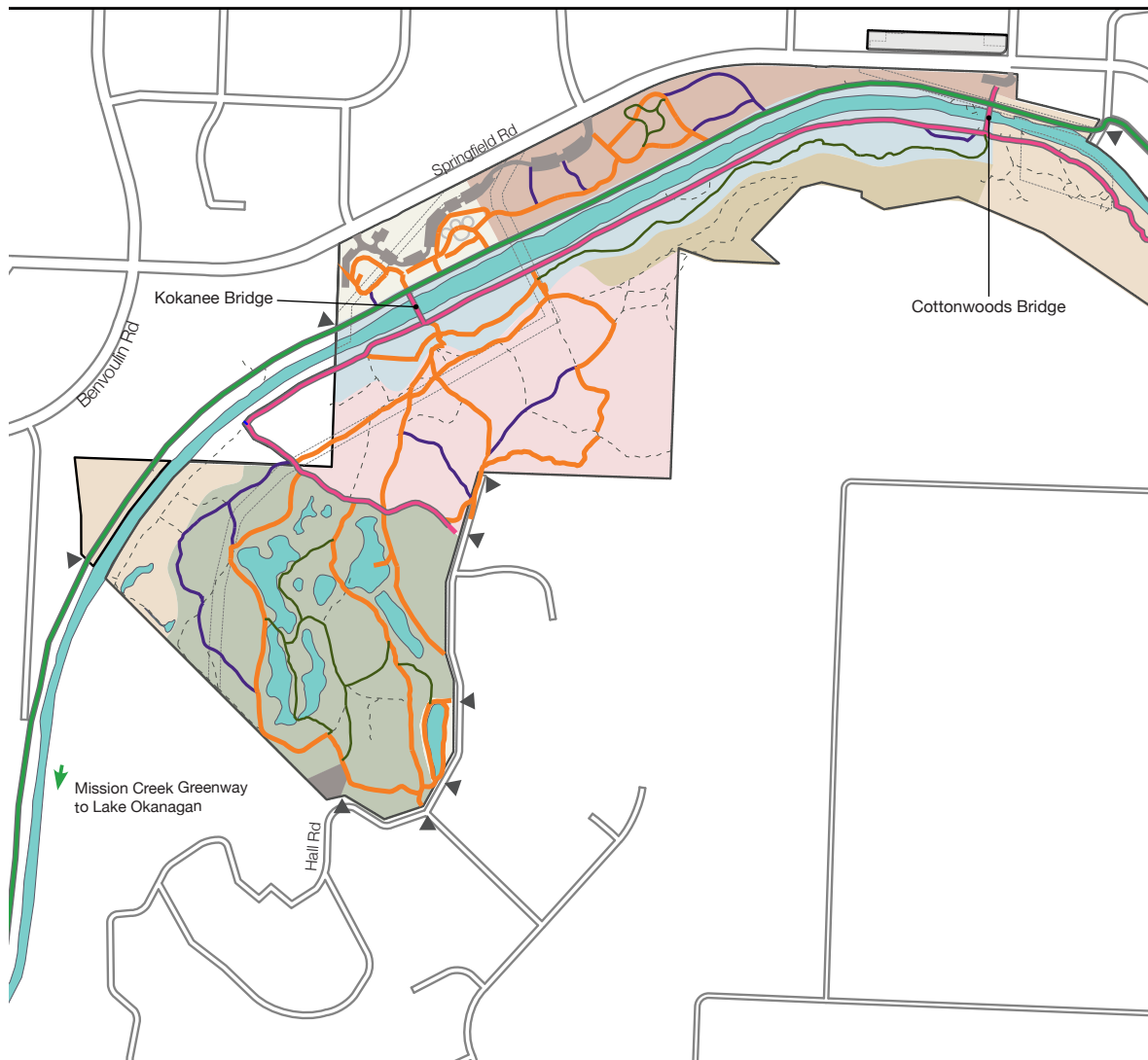


The terrain in the east arm of the park has high erosion potential. To conserve this nature area and for public safety, the existing trail will be decommissioned and the area designated off-limits to park users.

Management Zone:	Ecosystem and Natural Environment
Current Use:	Walking trail and unsanctioned activities

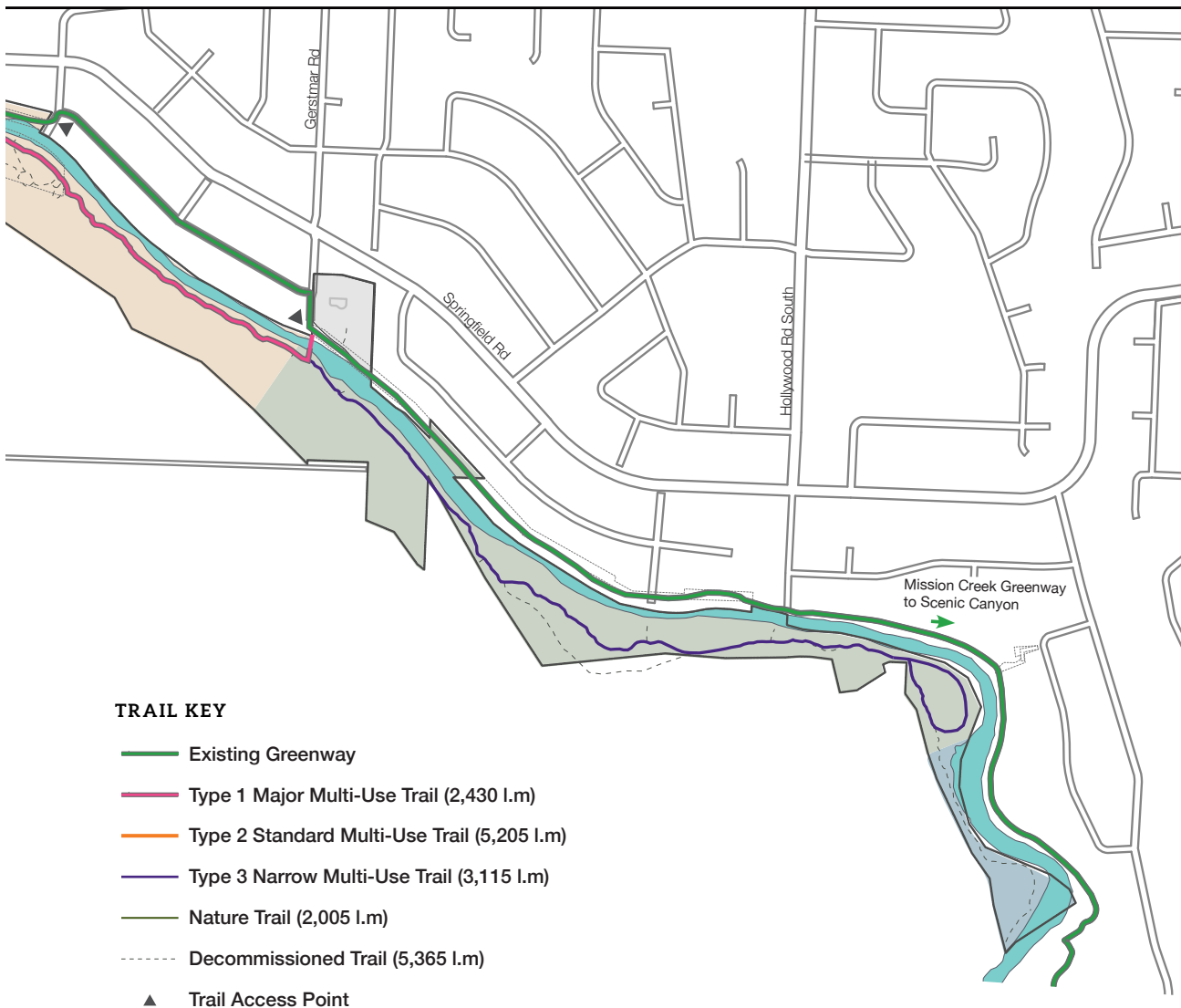
AREA M. OVERALL TRAIL AND CIRCULATION PLAN

MCRP is a passive recreation area. To enhance the user experience and preserve this park for the future, establish a clear hierarchy of trails to aid wayfinding and anticipate trail users desire lines. Wayfinding can be improved by developing and implementing a park-wide unified signage strategy, decommissioning redundant trails and ensuring that trail surfaces meet the park standard. Place key



amenities like benches in strategic locations and waste receptacles at trailheads.

To support local connections to the regional active transportation network, maintain a Type 1 Major Multi-Use trail that provides commuting cycles a connection to the greenway from Hall Road. Educate visitors on shared multi-use trail etiquette using signage to help to reduce conflicts between pedestrians and cyclists.



5 MANAGEMENT RECOMMENDATIONS

5.1 MANAGEMENT CHALLENGES, GOALS & RECOMMENDATIONS

Broadly, the management plan addresses the following key areas: environment, conservation, recreation, accessibility, stewardship, education and interpretation, and human safety and security. These have been framed as a series of **challenges**.

Goals for MCRP identify the overall intentions of the management plan as they relate to the identified challenges.

The **recommendations** then elaborate on the goals, providing direction on how the goals may be accomplished. Some recommendations are for the entire park while others pertain to particular development areas.

The development areas as described in Section 4.4 Concept Plan are:

- Area A. East park redesign
- Area B. Gathering & education place
- Area C. Cottonwood forest conservation
- Area D. Sutherland Hills educational zone
- Area E. Hall Road parking area
- Area F. Fishing Pond improvements
- Area G. Uplands walking area
- Area H. Streamside walking loop
- Area I. Cliffside erosion control area
- Area J. New greenway connection
- Area K. Off-leash dog trail
- Area L East arm conservation area

The following pages present these challenges, goals, and recommendations in table format, and are organized under topic headings.

ENVIRONMENT & CONSERVATION

Challenge	Goal	Recommendations	Area
Unsanctioned trail creation contributes to soil erosion, vegetation loss and the establishment of invasive plant species	Reduce the number of unsanctioned trails in the park	1. Plan and Implement Enhanced Trail Connections and/or Trails to meet public desire lines and minimize further rogue trail development.	A, B, D, G
		2. Decommission unsanctioned trails through a combination of restoration, educational signage, and physical barriers	A, D, G, I
		3. Include nature trails in the sanctioned park trail network	D, G, H
		4. Where required, prevent human access to sensitive areas with use of a fence or other suitable natural barrier	D, G, K
Extensive trail network reduces species richness and abundance by fragmenting habitat and disturbing wildlife	Maximize habitat patch sizes	5. Decommission redundant trails through a combination of restoration, educational signage, and physical barriers	A, D, G, J
	Maintain and strengthen habitat connectivity and wildlife corridors within the park and with surrounding lands	6. Restore and protect trail intersections from further widening using a combination of re-vegetation and physical barriers to define the edge of the trail	D, G, J, K
Maintain a healthy Ponderosa Pine forest ecosystem free of invasive plant species	Prevent introduction of invasive species in the park	7. Minimize bare soil conditions and re-vegetate disturbed park areas with site-appropriate native species (Volunteer Program)	ALL
	Control the spread of existing invasive plants in the park	8. Minimize ground disturbance from tree removal and other maintenance activities	ALL
		9. Map invasive plant species in the park to characterize the number of species present and the extent of their spread (Includes Volunteer Support)	ALL
		10. Create an Ecological Restoration Plan for the park that includes a detailed weed management strategy	ALL
		11. Implement a Ecological Restoration Plan (Volunteer Supported)	ALL

Challenge	Goal	Recommendations	Area
Maintain healthy wetland ecosystems free of invasive vertebrate species	Protect endangered or rare wetland species	12. Encourage park users, volunteers and community groups to participate in the Conservation Data Centre's program for recording and monitoring rare and endangered species	D
	Gain public awareness and support for controlling invasive species	13. Educate visitors about the ecological damage caused when pets are released into the wild	D
Maintain quality kokanee spawning habitat in Mission Creek	Reduce visitor impact on kokanee habitat	14. Explore the provision of viewing areas and platforms that prevent human entry into spawning habitat	H
		15. Utilize small sections of fencing and prickly vegetative barriers that will not impact wildlife movement for stream sections where people persist in entering	H
		16. Advise dog owners at entry to the off-leash area that it is on-leash during kokanee spawning season	K
Preserve sensitive ecosystems while providing trail access for wildlife viewing opportunities	Use existing disturbed sites where appropriate first before developing new park amenities	17. Inform the public of park guidelines within special preservation management zones through signage and interpretation	D
		18. Wildlife viewing platforms and trails shall be considered to minimize human impact on ecologically sensitive sites	C, D
		19. Install underpasses at strategic locations on nature trails in special preservation management zones to allow movement of water, amphibians and reptiles	D
	Provide nature interpretation and wildlife education opportunities	20. Continue to update and populate the RDCO Parks Hazard / Wildlife Tree Inventory.	ALL
	Locate visitor activities outside of significant wildlife habitat	21. Decommission the trails in the Cottonwood area on the western edge of the park (Volunteer Supported Project)	C
Restore damaged ecosystems	Restore areas impacted by park activities	22. Restore and enhance riparian habitat and introduce a boardwalk and viewing platforms at Evelyn Island	D
	Restore exposed areas to prevent the spread of invasive species		

Challenge	Goal	Recommendations	Area
Respond to the impacts of climate change including pests, drought, flooding and wildfire	<p>Maintain trails and infrastructure that are climate change resilient</p> <p>Undertake flood and drought mitigation projects that improves the park's natural resilience</p>	23. Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	A, B

RECREATION & ACCESS

Challenge	Goal	Recommendations	Area
Balance the recreational needs and demands of an ever-growing population	Consolidate appropriate uses and activities based on park management zones	24. Clarify trail uses and educate the public of appropriate activities that are permitted within the different park management zones	ALL
		25. Focus existing & future programming, infrastructure and recreation to less sensitive and/or already disturbed areas.	A, B, E
		26. Encourage low impact, passive recreational activities in the southern part of the park by providing parking and amenities at an existing disturbed area off of Hall Road	E
The existing trail network is confusing and it is challenging for visitors to navigate between points of interest	Facilitate an easy user experience by providing a clear and consistent way of navigating the park	27. Establish a trail hierarchy to help clarify wayfinding and improve sanctioned trail network	ALL
		28. Develop an unified Signage Strategy which includes directions and distances to points of interest, maps at key locations, appropriate trail use and etiquette, and removal of redundant signage and posts	ALL

Challenge	Goal	Recommendations	Area
Variety of users seek to use the trail network: walkers, cyclists, equestrians, dog walkers and adaptive hikers	Minimize potential user group conflicts	29. Provide Trail Etiquette Education and signage	G, J, H
	Respond to dog-walking user demands	30. Create an off-leash dog trail; clearly mark its entrance and post etiquette for this trail	J
		31. Maintain off-leash dog trail; ensure trail is kept clean and that users are abide by the etiquette required in this area.	D
Accommodate park users of varying abilities	Offer amenities and programs to support park access for people of all abilities	32. Consider inclusive access for all new park infrastructure (accessible options: surfacing, slopes, routes and amenities) for people of all abilities when improving or upgrading park trails and facilities.	ALL
		33. Create an Accessibility Resource Centre to provide program opportunities to support inclusive accessibility (accessible washrooms and adaptive hiking equipment storage), dependent on external funding opportunities and NGO partnerships.	A
		34. Develop inclusive access to natural areas and wildlife viewing platforms for people of all abilities when improving or upgrading park trails and facilities.	D, E, F, G
		35. Provide a HandiDART drop off & pick up	A
Trail users want different experiences	Facilitate a range of park experiences	36. Implement a trail and circulation plan that traverses a variety of ecosystems	ALL
		37. Support both individual and group nature experiences through a range of trail widths	ALL
Encourage year-around park activities	Maintain access to select trails in winter	38. Identify a four season walking loop and consider a snow maintenance program during the winter months	H, J
	Provide shelter from the elements	39. Consider improved winter maintenance activities to minimize ice and snow buildup between Kokanee and Cottonwoods Bridges	H, J
		40. Provide picnic shelters near the EECO, East Park and in the Hall Road Parking Area to provide shade and cover	A, B, E

Challenge	Goal	Recommendations	Area
Current facilities can not accommodate events larger than 250 people	Accommodate event access by improving parking and multi-modal transportation	41. Expand parking at Leckie Road entrance; include bus, RV and bicycle parking (requires assessment on amount of use and need versus impacts to the park)	A
		42. Provide more park amenities(e.g. wash-rooms, water fountains)s	A
	Provide a large multi-use programmable space	43. Refine and expand picnic lawn east of playground (East End Park Development 2021)	A
Meet auxiliary recreation needs of park users	Facilitate a pleasant user experience by providing key amenities	44. Provide a washroom facility at the Hall Road Parking Area	E
		45. Provide more site furnishings (e.g. benches, picnic tables, bike racks and trash/recycling receptacles)	A, G, J, K
	Respect significant historical features within park	46. Revitalize the Mindy Tran memorial	J
	Facilitate community gathering	47. Provide additional play opportunities for all ages and children - East Park 2021 Project	A
	Create neighbourhood connection to an active transportation network	48. Provide additional bookable outdoor space in East Park area of park	A

STEWARDSHIP AND PARTNERSHIPS

Challenge	Goal	Recommendations	Area
Engage new park conservation and restoration activities in research and the arts	Reuse Cabin #2	49. Pursue programming opportunities with local academic research/institutions, Westbank First Nation and community organizations	ALL
	Incorporate a research aspect into the parks education mandate	50. Continue to develop relationships with higher level educational institutions towards research and educational activities within the park that supports park initiatives	ALL

EDUCATION AND INTERPRETATION

Challenge	Goal	Recommendations	Area
To be the main centre for environmental education and interpretation in the Central Okanagan	Prioritize human/staff interpretation in the park over signage and static interpretative displays	51. Develop an interpretative plan to address goals and objectives, interpretative themes and messages, audience, programming, media, facilities, staff and volunteers	ALL
	Keep displayed educational information current	52. Plan to redevelop the garden areas outside of the EECO for outdoor interpretive programming through partnerships and volunteer support	B
	Describe the local impacts of climate change	53. Develop an signage program to promote proper multi-use trail etiquette	ALL
	Conserve wildlife viewing opportunities	54. Minimize wildlife conflicts by including prevention and mitigation information in interpretative programs	ALL
	Provide outdoor education facilities and interpretative programs		
	Educate visitors on sustainable use of the park		

Challenge	Goal	Recommendations	Area
Incorporate First Nations cultural and historical content	Support First Nations cultural education initiatives	55. Consider annual funding and resource support with Westbank First Nation to pursue grant opportunities in order to fund First Nations projects and programs	ALL
		56. Work with Westbank First Nation to develop and implement cultural and historical node/gathering place at the site of the 9-sided kiosk for replacement of the Plaza	B
		57. Work with Westbank First Nation to develop and implement cultural and historical interpretative programs and content	ALL
Represent the land use history of the park	Interpret heritage features of the park	58. Identify heritage features in the park and consider their treatment in the interpretative plan	A, B, J

HUMAN SAFETY AND SECURITY

Challenge	Goal	Recommendations	Area
Potential for wildfires to be started within the park due to high fuel load	Decrease the risk of a wildfire	59. Implement recommendations within the Regional Parks Community Wildfire Protection Plan, including forest thinning and fuel management by priority and when UBCM Grant's are available.	ALL
Unsanctioned activities like camping, smoking, littering, vandalism and walking off-leash dogs occur inside the park	Reduce inappropriate and potentially damaging activities within the park	60. Facilitate sanctioned activities where appropriate in the park	A, J
		61. Increase proper park etiquette education in the park	ALL
		62. Design and develop the park in a manner that minimizes or deters inappropriate activities and is in keeping with current Crime Prevention through Environmental Design (CEPTED) principles	D, I, K

Challenge	Goal	Recommendations	Area
Provide a safe user experience	Maintain existing park infrastructure required for future use	63. Use best practices in trail design and construction and follow Regional Parks Design Guidelines	ALL
		64. Develop and implement an Asset Management Plan for the renewal and/or replacement of park assets	ALL
	Remove unsafe or unused infrastructure	65. Migrate, where possible, trails away from edges and borders of steep slopes and banks of creeks and wetlands	ALL

CLIMATE ADAPTABILITY, CLIMATE RESILIENCY AND SUSTAINABLE PARKS

Challenge	Goal	Recommendations	Area
Respond to the impacts of climate change including pests, drought, flooding and wildfire	Maintain trails and infrastructure that are climate change resilient	66. Support avian species who control insect pests by retaining high quality wildlife trees and preserving wetlands	C, D
		67. Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	A, B
	Undertake flood and drought mitigation projects that improves the park's natural resilience	68. Maintain riparian buffers and protect native vegetation	C, H, I, K, L
Cut greenhouse gas emissions generated from park operations and infrastructure	Reduce the park's carbon footprint	69. Use low carbon resources where possible	ALL
		70. Consider using alternative energy sources	ALL
	Increase carbon sequestration	71. Choose materials that have longevity and a low carbon footprint	ALL
Maintain park for future use	Manage park in a way that maintains the intend park uses	72. Update and review the Park Management Plan and Park Carrying Capacity	ALL
		73. Establish baseline; measure, monitor and evaluate annually for impacts, conditions and management strategies	ALL

6 IMPLEMENTATION PLAN

6.1 IMPLEMENTATION STRATEGY

The 20-year implementation plan for MCRP prioritizes and provides estimated costs for the management recommendations introduced in the previous section. For ease of use, the recommendations have been converted to actions and are organized by their funding type: capital or operational.

Capital funding items are assets that depreciate over time and have a defined life cycle such as new bridges, buildings, kiosks, trails and picnic shelters. For each capital funding recommendation below, the estimated costs are in 2021 dollars and are at a 'Class E' level inclusive of a 25% construction contingency and a 15% consulting fee.

Operational funding covers the day to day expenditures, such as salaries and items that don't meet a value threshold. These items do not depreciate over time and are consumable. For MCRP operational funding is divided into Park Visitor Services (PVS) and Park Resource Operations (PRO) and are estimated in full-time equivalents (FTEs). One PVS FTE is equal to 1820 hours per year (7 hours per day, 35 hours per week) and one PRO FTE is equal to 2080 hours per year (8 hours per day, 40 hours per week).

Capital Costs Summary	
Budget	\$2,735,000.00
FTE Annual	0.20
FTE One-time	0.42

Operational Cost Summary	
Budget	\$285,000.00
(PRO) FTE Annual	0.16
(PVS) FTE Annual	0.28
(PVS) FTE One-time	0.04

Overall Cost Summary	
Capital Costs	\$2,735,000.00
Operational Costs	\$285,000.00
Total Cost	\$3,020,000.00

6.2 CAPITAL FUNDING

ENVIRONMENT AND CONSERVATION (CAPITAL)

Action		Budget Allocation
1	Plan and Implement Enhanced Trail Connections and/or Trails to meet public desire lines and minimize further rogue trail development.	\$400,000.00
3	Include nature trails in the sanctioned park trail network	included as part of item 1
4	Where required, prevent human access to sensitive areas with use of a fence or other suitable natural barrier	included as part of Item #1
5	Decommission redundant trails through a combination of restoration, educational signage, and physical barriers	included as part of item 1
10	Create an Ecological Restoration Plan for the park that includes a detailed weed management strategy	\$25,000.00
14	Explore the provision of viewing areas and platforms that prevent human entry into spawning habitat	\$150,000.00
18	Wildlife viewing platforms and trails shall be considered to minimize human impact on ecologically sensitive sites	\$50,000.00
19	Install underpasses at strategic locations on nature trails in special preservation management zones to allow movement of water, amphibians and reptiles	\$40,000.00
22	Restore and enhance riparian habitat and introduce a boardwalk and viewing platforms at Evelyn Island	\$100,000.00
23	Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	Operational Resources
Subtotal		\$765,000.00

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	80 hours per year
3					
4					24 hours
5					
10		\$25,000.00			20 hours
14		\$75,000.00		\$75,000.00	40 hours
18		\$25,000.00	\$25,000.00		16 hours
19		\$20,000.00	\$20,000.00		8 hours
22		\$30,000.00	\$70,000.00		24 hours
23					
	\$100,000.00	\$275,000.00	\$215,000.00	\$175,000.00	

RECREATION AND ACCESS (CAPITAL)

Action		Budget Allocation
25	Focus existing & future programming, infrastructure and recreation to less sensitive and/or already disturbed areas.	Operational Resources
26	Encourage low impact, passive recreational activities in the southern part of the park by providing parking and amenities at an existing disturbed area off of Hall Road	\$250,000.00
30	Create an off-leash dog trail; clearly mark its entrance and post etiquette for this trail	\$50,000.00
32	Consider inclusive access for all new park infrastructure (accessible options: surfacing, slopes, routes and amenities) for people of all abilities when improving or upgrading park trails and facilities.	\$50,000.00
33	Create an Accessibility Resource Centre to provide program opportunities to support inclusive accessibility (accessible washrooms and adaptive hiking equipment storage), dependent on external funding opportunities and NGO partnerships.	External funding and partnerships
34	Develop inclusive access to natural areas and wildlife viewing platforms for people of all abilities when improving or upgrading park trails and facilities.	\$100,000.00
35	Provide a HandiDART drop off & pick up	in coordination with item #39
36	Implement a trail and circulation plan that traverses a variety of ecosystems	included as part of item 1
37	Support both individual and group nature experiences through a range of trail widths	included as part of item 1
38	Identify a four season walking loop and consider a snow maintenance program during the winter months	included as part of item 1
40	Provide picnic shelters near the EECO, East Park and in the Hall Road Parking Area to provide shade and cover	\$400,000.00
41	Expand parking at Leckie Road entrance; include bus, RV and bicycle parking (requires assessment on amount of use and need versus impacts to the park)	\$600,000.00
42	Provide more park amenities (e.g. washrooms, water fountains)	\$200,000.00

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
25					
26		\$125,000.00	\$125,000.00		80 hours
30	\$50,000.00				24 hours
32				\$50,000.00	24 hours per year
33					160 hours
34		\$50,000.00	\$50,000.00		24 hours
35					
36					
37					
38					128 hours per year
40	\$200,000.00	\$100,000.00	\$100,000.00		60 hours
41				\$600,000.00	120 hours
42	\$150,000.00		\$50,000.00		24 hours per year

43	Refine and expand picnic lawn east of playground (East End Park Development 2021)	On-going
44	Provide a washroom facility at the Hall Road Parking Area	\$40,000.00
46	Revitalize the Mindy Tran memorial	\$30,000.00
47	Provide additional play opportunities for all ages and children - East Park 2021 Project	On-going
Subtotal		\$1,720,000.00

EDUCATION AND INTERPRETATION (CAPITAL)

Action		Budget Allocation
56	Work with Westbank First Nation to develop and implement cultural and historical node/gathering place at the site of the 9-sided kiosk for replacement of the Plaza	\$250,000.00
Subtotal		\$250,000.00

HUMAN SAFETY AND SECURITY (CAPITAL)

Action		Budget Allocation
62	Design and develop the park in a manner that minimizes or deters inappropriate activities and is in keeping with current Crime Prevention through Environmental Design (CEPTED) principles	Operational Resources
63	Use best practices in trail design and construction and follow Regional Parks Design Guidelines	Operational Resources
64	Develop and implement an Asset Management Plan for the renewal and/or replacement of park assets	Operational Resources
65	Migrate, where possible, trails away from edges and borders of steep slopes and banks of creeks and wetlands	As part of Item #1
Subtotal		\$0.00

43					16 hours
44	\$40,000.00				24 hours
46				\$30,000.00	16 hours
47					104 hours
	\$440,000.00	\$275,000.00	\$325,000.00	\$680,000.00	

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
56	\$250,000.00				60 hours
	\$250,000.00	\$0.00	\$0.00	\$0.00	

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
62					
63					
64					160 hours
65					
	\$0.00	\$0.00	\$0.00	\$0.00	

CLIMATE ADAPTABILITY, CLIMATE RESILIENCY AND SUSTAINABLE PARKS (CAPITAL)

Action		Budget Allocation
66	Support avian species who control insect pests by retaining high quality wildlife trees and preserving wetlands	Operational Resources
67	Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	Operational Resources
68	Maintain riparian buffers and protect native vegetation	Operational Resources
69	Use low carbon resources where possible	Operational Resources
70	Consider using alternative energy sources	Operational Resources
71	Choose materials that have longevity and a low carbon footprint	Operational Resources
72	Explore and develop a carrying capacity visitor use management plan Update and review the Park Management Plan and Park Carrying Capacity	\$30,000.00
73	Establish baseline; measure, monitor and evaluate annually for impacts, conditions and management strategies	Operational Resources
Subtotal		\$0.00

Budget Allocation	
Capital Total	\$2,735,000.00

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
66					40 hours per year
67					
68					40 hours per year
69					
70					
71					
72		\$30,000.00			16 hours
73					40 hours per year
	\$0.00	\$0.00	\$0.00	\$0.00	

Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)
\$790,000.00	\$550,000.00	\$540,000.00	\$855,000.00

6.3 OPERATIONAL FUNDING

ENVIRONMENT AND CONSERVATION (OPERATIONS)

	Type	Action	Budget Allocation
2	PRO	Decommission unsanctioned trails through a combination of restoration, educational signage, and physical barriers	Operational Resources
6	PRO	Restore and protect trail intersections from further widening using a combination of re-vegetation and physical barriers to define the edge of the trail	Operational Resources
7	PVS	Minimize bare soil conditions and re-vegetate disturbed park areas with site-appropriate native species (Volunteer Program)	Operational Resources
8	PRO	Minimize ground disturbance from tree removal and other maintenance activities	Operational Resources
9	PVS	Map invasive plant species in the park to characterize the number of species present and the extent of their spread (Includes Volunteer Support)	Operational Resources
11	PVS	Implement a Ecological Restoration Plan (Volunteer Supported)	Operational Resources
12	PVS	Encourage park users, volunteers and community groups to participate in the Conservation Data Centre's program for recording and monitoring rare and endangered species	Operational Resources
13	PVS	Educate visitors about the ecological damage caused when pets are released into the wild	Operational Resources
15	PRO	Utilize small sections of fencing and prickly vegetative barriers that will not impact wildlife movement for stream sections where people persist in entering	\$40,000.00
16	PVS	Advise dog owners at entry to the off-leash area that it is on-leash during kokanee spawning season	Operational Resources

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
2					
6					80 hours per year
7					20 hours per year
8					20 hours per year
9					20 hours per year
11					80 hours per year
12					35 hours per year
13					14 hours per year
15	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	20 hours per year
16					14 hours per year

17	PVS	Inform the public of park guidelines within special preservation management zones through signage and interpretation	\$25,000.00
20	PRO	Continue to update and populate the RDCO Parks Hazard / Wildlife Tree Inventory.	Operational Resources
21	PVS	Decommission the trails in the Cottonwood area on the western edge of the park (Volunteer Supported Project)	Operational Resources
Subtotal			\$65,000.00

RECREATION AND ACCESS (OPERATIONS)

Action			Budget Allocation
24	PVS	Clarify trail uses and educate the public of appropriate activities that are permitted within the different park management zones	Operational Resources
27	PVS	Establish a trail hierarchy to help clarify wayfinding and improve sanctioned trail network	Operational Resources
28	PVS	Develop an unified Signage Strategy which includes directions and distances to points of interest, maps at key locations, appropriate trail use and etiquette, and removal of redundant signage and posts	\$150,000.00
29	PVS	Provide Trail Etiquette Education and signage	included as part of item 34
31	PRO	Maintain off-leash dog trail; ensure trail is kept clean and that users are abide by the etiquette required in this area.	Operational Resources
39	PRO	Consider improved winter maintenance activities to minimize ice and snow buildup between Kokanee and Cottonwoods Bridges	Operational Resources
45	PRO	Provide more site furnishings (e.g. benches, picnic tables, bike racks and trash/recycling receptacles)	\$20,000.00
48	PVS	Provide additional bookable outdoor space in East Park area of park	Operational Resources
Subtotal			\$170,000.00

17		\$25,000.00			14 hours per year
20					20 hours per year
21					
	\$10,000.00	\$35,000.00	\$10,000.00	\$10,000.00	

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
24					30 hours per year
27					
28	\$50,000.00	\$100,000.00			40 hours
29					14 hours per year
31					70 hours per year
39					64 hours per year
45	\$10,000.00		\$10,000.00		16 hours per year
48					
	\$60,000.00	\$100,000.00	\$10,000.00	\$0.00	

STEWARDSHIP AND PARTNERSHIPS (OPERATIONS)

Action			Budget Allocation
49	PVS	Pursue programming opportunities with local academic research/institutions, Westbank First Nation and community organizations	Operational Resources
50	PVS	Continue to develop relationships with higher level educational institutions towards research and educational activities within the park that supports park initiatives	Operational Resources
Subtotal			\$0.00

EDUCATION AND INTERPRETATION (OPERATIONS)

Action			Budget Allocation
51	PVS	Develop an interpretative plan to address goals and objectives, interpretative themes and messages, audience, programming, media, facilities, staff and volunteers	\$50,000.00
52	PVS	Plan to redevelop the garden areas outside of the EECO for outdoor interpretive programming through partnerships and volunteer support	Operational Resources
53	PVS	Develop an signage program to promote proper multi-use trail etiquette	Operational Resources
54	PVS	Minimize wildlife conflicts by including prevention and mitigation information in interpretative programs	Operational Resources
55	PVS	Consider annual funding and resource support with Westbank First Nation to pursue grant opportunities in order to fund First Nations projects and programs	Operational Resources
57	PVS	Work with Westbank First Nation to develop and implement cultural and historical interpretative programs and content	Operational Resources
58	PVS	Identify heritage features in the park and consider their treatment in the interpretative plan	included as part of item 58
Subtotal			\$50,000.00

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
49					70 hours per year
50					35 hours per year
	\$0.00	\$0.00	\$0.00	\$0.00	

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
51		\$50,000.00			
52					40 hours
53					
54					15 hours per year
55					35 hours per year
57					70 hours per year
58					
	\$0.00	\$50,000.00	\$0.00	\$0.00	

HUMAN SAFETY AND SECURITY (OPERATIONS)

Action			Budget Allocation
59	PRO	Implement recommendations within the Regional Parks Community Wildfire Protection Plan, including forest thinning and fuel management by priority and when UBCM Grant's are available.	External funding
60	PRO	Facilitate sanctioned activities where appropriate in the park	Operational Resources
61	PVS	Increase proper park etiquette education in the park	Operational Resources

Subtotal \$0.00

Budget Allocation	
Operations Total	\$285,000.00

	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
59					
60					35 hours per year
61					35 hours per year
	\$0.00	\$0.00	\$0.00	\$0.00	

Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)
\$70,000.00	\$185,000.00	\$20,000.00	\$10,000.00

APPENDIX A: REFERENCES

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Mission Creek Restoration Initiative: Illustrated History. n.d.
Retrieved from <http://www.missioncreek.ca/illustrated-history/>

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Regional District of Central Okanagan. 2010. RDCO Parks Operational Wildfire Protection Plan.

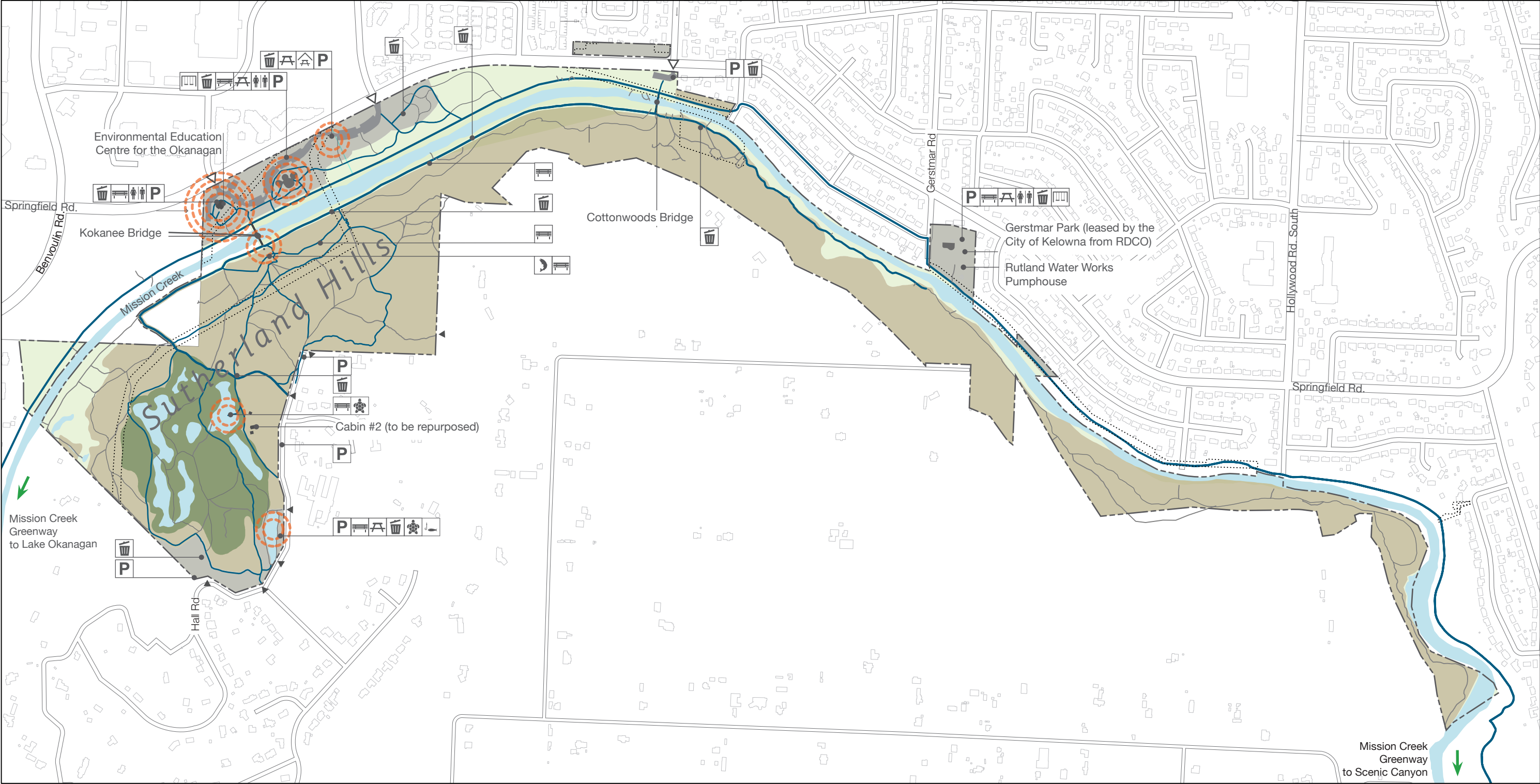
Regional District of Central Okanagan. 2016. Regional Parks Visitor Use Survey Results.

Regional District of Central Okanagan. 2000. Official Regional Park Park (bylaw #884)

APPENDIX B: ENLARGEMENT PLANS

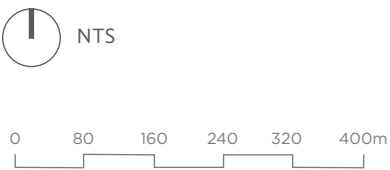
LIST OF PLANS

Site Analysis
Trail & Circulation Plan
Park Concept Plan
East Park Concept Plan



SITE ANALYSIS

MISSION CREEK REGIONAL PARK



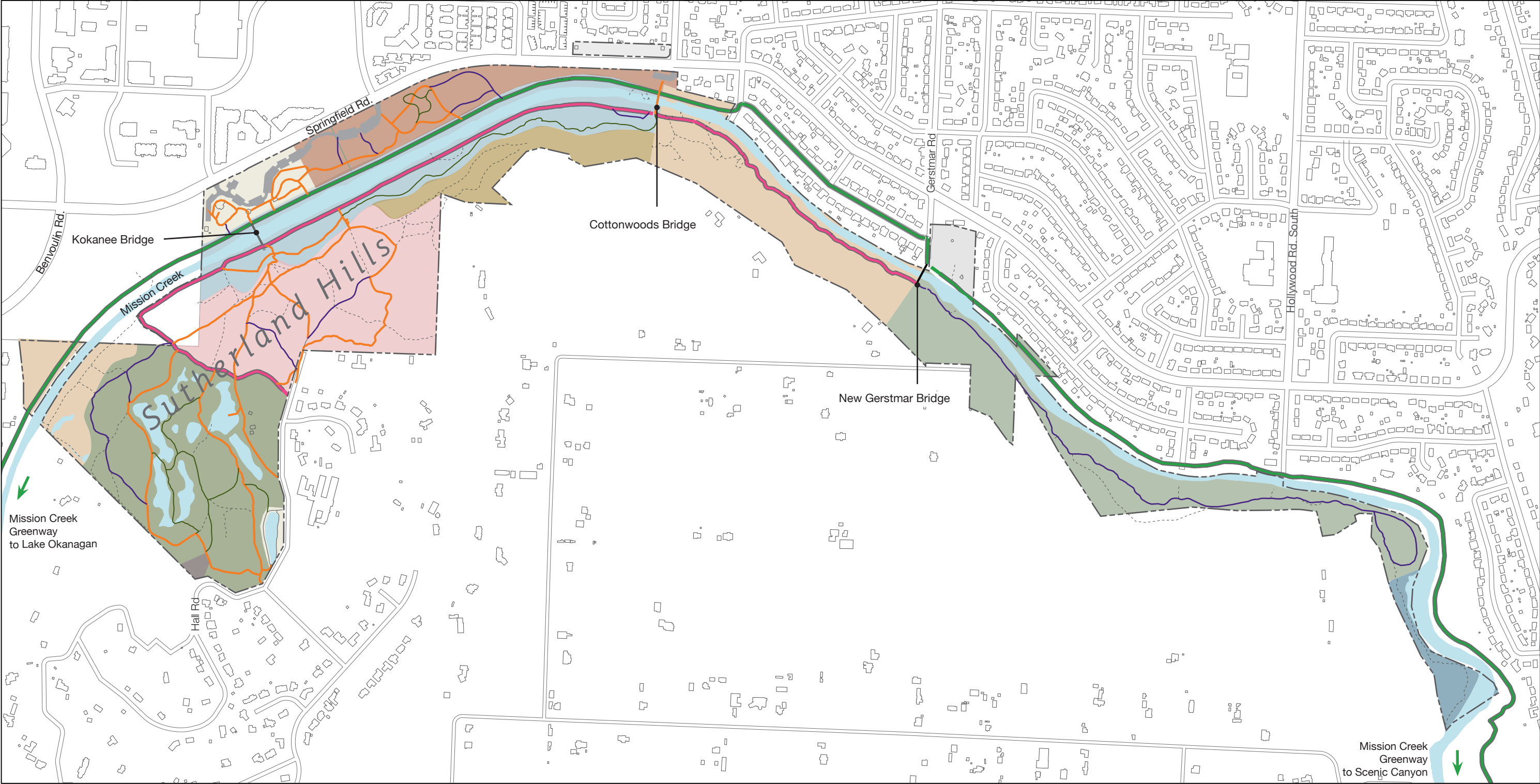
- ACTIVITY NODE
- UTILITY EASEMENT
- EXISTING BRIDGE
- BUILDINGS
- DESIGNATED TRAIL
- SANCTIONED TRAIL
- VEHICULAR ACCESS POINT
- PEDESTRIAN ACCESS POINT

PARK MANAGEMENT ZONES:

- ECOSYSTEM
- NATURAL ENVIRONMENT
- SPECIAL PRESERVATION
- PARK SERVICES

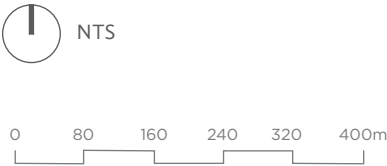
PARK AMENITIES & ACTIVITIES:

- BENCHES
- FISHING FOR CHILDREN
- KOKANEE VIEWING
- PARKING
- PICNIC TABLES
- PICNIC SHELTER
- PLAYGROUND
- TURTLE VIEWING
- WASHROOM BUILDING
- WASTE RECEPTACLE

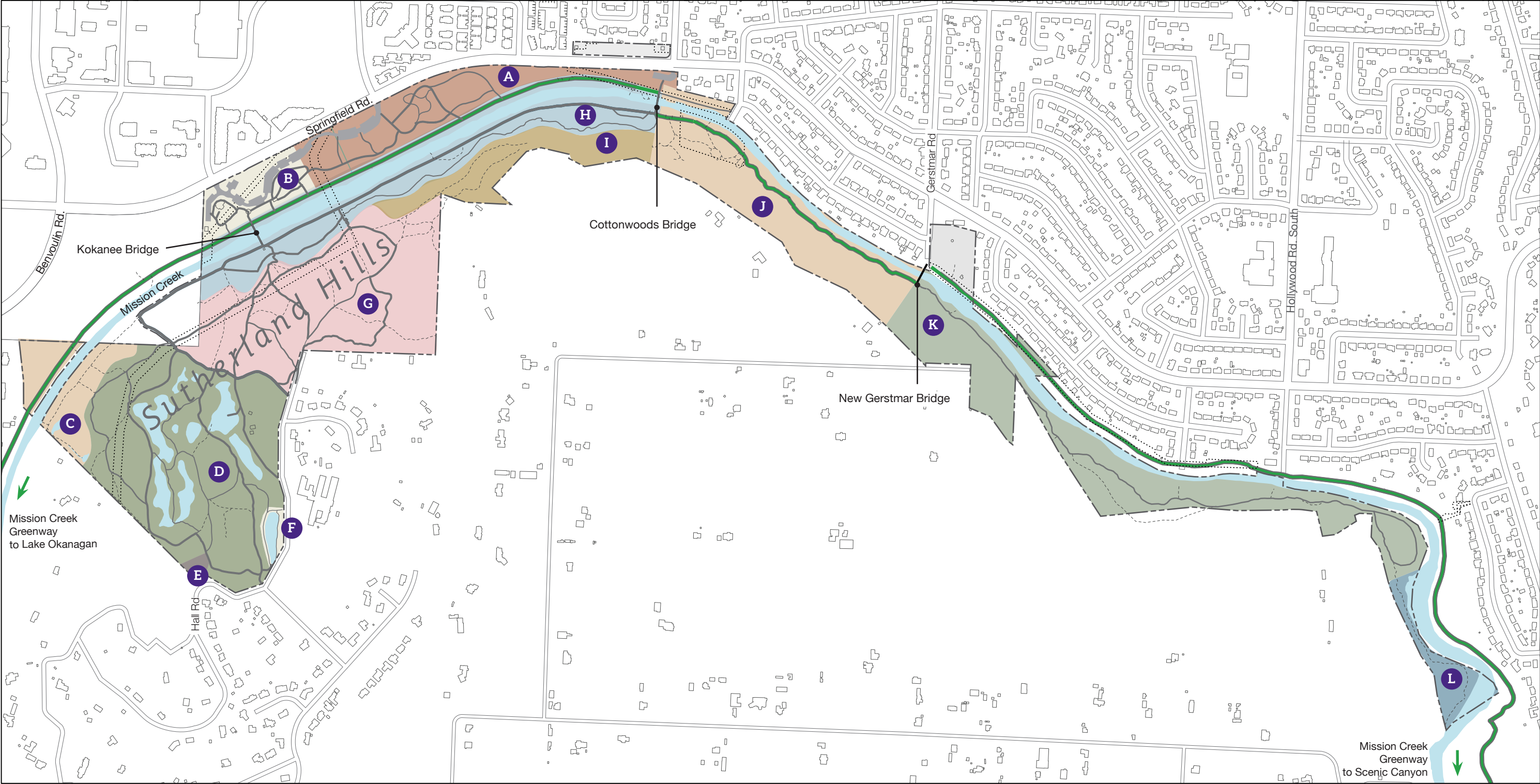


TRAIL & CIRCULATION PLAN

MISSION CREEK REGIONAL PARK

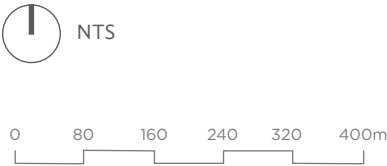


- TRAIL LEGEND:
- EXISTING GREENWAY
 - TYPE 1 MAJOR MULTI-USE TRAIL (2,430 l.m.)
 - TYPE 2 STANDARD MULTI-USE TRAIL (5,205 l.m.)
 - TYPE 3 NARROW MULTI-USE TRAIL (3,115 l.m.)
 - NATURE TRAIL (2,005 l.m.)
 - DECOMMISSIONED TRAIL (5,365 l.m.)
 - TRAIL ACCESS POINT



PARK CONCEPT PLAN

MISSION CREEK REGIONAL PARK



AREAS LEGEND:

- | | | |
|---|------------------------------------|---|
| A EAST PARK REDESIGN | E HALL ROAD PARKING AREA | I CLIFFSIDE EROSION CONTROL AREA |
| B GATHERING & EDUCATION PLACE | F FISHING POND IMPROVEMENTS | J NEW GREENWAY CONNECTION |
| C COTTONWOOD FOREST CONSERVATION | G UPLANDS WALKING AREA | K OFF-LEASH DOG TRAIL |
| D SUTHERLAND HILLS RESTORATION | H STREAM-SIDE WALKING LOOP | L EAST ARM CONSERVATION AREA |



EAST PARK CONCEPT PLAN

MISSION CREEK REGIONAL PARK



AREAS LEGEND:

- A EXPANDED LAWN AREA
- B REPLACED & RELOCATED PICNIC SHELTER
- C EXPANDED PARKING AREA
- D NATIVE FOREST BUFFER
- E NEW BUS STOP
- F HANDI-DART DROFFOFF & SHELTER
- G REGIONAL PARKS ACCESSIBILITY RESOURCE CENTRE
- H BOOKABLE OUTDOOR PLAZA WITH COVERED SEATING
- I EVENT / PICNIC LAWN
- J NEW PICNIC SHELTER
- K FLOODPLAIN INTERPRETIVE AREA
- L NATURE PLAY AREA
- M NATIVE SHRUB & MEADOW PLANTING
- N COTTONWOOD RESTORATION AREA

LEGEND

- PROPERTY BOUNDARY
- 2m WALKWAY (GRAVEL)
- 1m TRAIL (NATIVE MATERIAL)
- NEW FOOTBRIDGE
- NATURE OBSTACLE COURSE ELEMENTS
- IRRIGATION CHANNEL
- SPLIT RAIL FENCE
- PICNIC TABLE

APPENDIX C: IMPLEMENTATION PLAN

IMPLEMENTATION PLAN LIST

Capital Funding
Operational Funding

CAPITAL FUNDING

Action		Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
1	Plan and Implement Enhanced Trail Connections and/or Trails to meet public desire lines and minimize further rogue trail development.	\$400,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	80 hours per year
3	Include nature trails in the sanctioned park trail network	included as part of item 1					
4	Where required, prevent human access to sensitive areas with use of a fence or other suitable natural barrier	included as part of Item #1					24 hours
5	Decommission redundant trails through a combination of restoration, educational signage, and physical barriers	included as part of item 1					
10	Create an Ecological Restoration Plan for the park that includes a detailed weed management strategy	\$25,000.00		\$25,000.00			20 hours
14	Explore the provision of viewing areas and platforms that prevent human entry into spawning habitat	\$150,000.00		\$75,000.00		\$75,000.00	40 hours
18	Wildlife viewing platforms and trails shall be considered to minimize human impact on ecologically sensitive sites	\$50,000.00		\$25,000.00	\$25,000.00		16 hours
19	Install underpasses at strategic locations on nature trails in special preservation management zones to allow movement of water, amphibians and reptiles	\$40,000.00		\$20,000.00	\$20,000.00		8 hours
22	Restore and enhance riparian habitat and introduce a boardwalk and viewing platforms at Evelyn Island	\$100,000.00		\$30,000.00	\$70,000.00		24 hours
23	Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	Operational Resources					
Subtotal		\$765,000.00	\$100,000.00	\$275,000.00	\$215,000.00	\$175,000.00	

CAPITAL FUNDING - CONTINUED

Action		Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
25	Focus existing & future programming, infrastructure and recreation to less sensitive and/or already disturbed areas.	Operational Resources					
26	Encourage low impact, passive recreational activities in the southern part of the park by providing parking and amenities at an existing disturbed area off of Hall Road	\$250,000.00		\$125,000.00	\$125,000.00		80 hours
30	Create an off-leash dog trail; clearly mark its entrance and post etiquette for this trail	\$50,000.00	\$50,000.00				24 hours
32	Consider inclusive access for all new park infrastructure (accessible options: surfacing, slopes, routes and amenities) for people of all abilities when improving or upgrading park trails and facilities.	\$50,000.00				\$50,000.00	24 hours per year
33	Create an Accessibility Resource Centre to provide program opportunities to support inclusive accessibility (accessible washrooms and adaptive hiking equipment storage), dependent on external funding opportunities and NGO partnerships.	External funding and partnerships					160 hours
34	Develop inclusive access to natural areas and wildlife viewing platforms for people of all abilities when improving or upgrading park trails and facilities.	\$100,000.00		\$50,000.00	\$50,000.00		24 hours
35	Provide a HandiDART drop off & pick up	in coordination with item #39					
36	Implement a trail and circulation plan that traverses a variety of ecosystems	included as part of item 1					
37	Support both individual and group nature experiences through a range of trail widths	included as part of item 1					
38	Identify a four season walking loop and consider a snow maintenance program during the winter months	included as part of item 1					128 hours per year
40	Provide picnic shelters near the EECO, East Park and in the Hall Road Parking Area to provide shade and cover	\$400,000.00	\$200,000.00	\$100,000.00	\$100,000.00		60 hours
41	Expand parking at Leckie Road entrance; include bus, RV and bicycle parking (requires assessment on amount of use and need versus impacts to the park)	\$600,000.00				\$600,000.00	120 hours
42	Provide more park amenities (e.g. washrooms, water fountains)	\$200,000.00	\$150,000.00		\$50,000.00		24 hours per year

CAPITAL FUNDING - CONTINUED

43	Refine and expand picnic lawn east of playground (East End Park Development 2021)	On-going					16 hours
44	Provide a washroom facility at the Hall Road Parking Area	\$40,000.00	\$40,000.00				24 hours
46	Revitalize the Mindy Tran memorial	\$30,000.00				\$30,000.00	16 hours
47	Provide additional play opportunities for all ages and children - East Park 2021 Project	On-going					104 hours
Subtotal		\$1,720,000.00	\$440,000.00	\$275,000.00	\$325,000.00	\$680,000.00	

Action		Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
56	Work with Westbank First Nation to develop and implement cultural and historical node/gathering place at the site of the 9-sided kiosk for replacement of the Plaza	\$250,000.00	\$250,000.00				60 hours
Subtotal		\$250,000.00	\$250,000.00	\$0.00	\$0.00	\$0.00	

Action		Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
62	Design and develop the park in a manner that minimizes or deters inappropriate activities and is in keeping with current Crime Prevention through Environmental Design (CEPTED) principles	Operational Resources					
63	Use best practices in trail design and construction and follow Regional Parks Design Guidelines	Operational Resources					
64	Develop and implement an Asset Management Plan for the renewal and/or replacement of park assets	Operational Resources					160 hours
65	Migrate, where possible, trails away from edges and borders of steep slopes and banks of creeks and wetlands	As part of Item #1					
Subtotal		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

CAPITAL FUNDING - CONTINUED

Action		Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
66	Support avian species who control insect pests by retaining high quality wildlife trees and preserving wetlands	Operational Resources					40 hours per year
67	Landscape with native plant species. Non-native trees may be used in the Outdoor Recreation management zone.	Operational Resources					
68	Maintain riparian buffers and protect native vegetation	Operational Resources					40 hours per year
69	Use low carbon resources where possible	Operational Resources					
70	Consider using alternative energy sources	Operational Resources					
71	Choose materials that have longevity and a low carbon footprint	Operational Resources					
72	Explore and develop a carrying capacity visitor use management plan Update and review the Park Management Plan and Park Carrying Capacity	\$30,000.00		\$30,000.00			16 hours
73	Establish baseline; measure, monitor and evaluate annually for impacts, conditions and management strategies	Operational Resources					40 hours per year

Subtotal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Capital Total	Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)
	\$2,735,000.00	\$790,000.00	\$550,000.00	\$540,000.00	\$855,000.00

OPERATIONAL FUNDING

TypeAction			Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
2	PRO	Decommission unsanctioned trails through a combination of restoration, educational signage, and physical barriers	Operational Resources					
6	PRO	Restore and protect trail intersections from further widening using a combination of re-vegetation and physical barriers to define the edge of the trail	Operational Resources					80 hours per year
7	PVS	Minimize bare soil conditions and re-vegetate disturbed park areas with site-appropriate native species (Volunteer Program)	Operational Resources					20 hours per year
8	PRO	Minimize ground disturbance from tree removal and other maintenance activities	Operational Resources					20 hours per year
9	PVS	Map invasive plant species in the park to characterize the number of species present and the extent of their spread (Includes Volunteer Support)	Operational Resources					20 hours per year
11	PVS	Implement a Ecological Restoration Plan (Volunteer Supported)	Operational Resources					80 hours per year
12	PVS	Encourage park users, volunteers and community groups to participate in the Conservation Data Centre’s program for recording and monitoring rare and endangered species	Operational Resources					35 hours per year
13	PVS	Educate visitors about the ecological damage caused when pets are released into the wild	Operational Resources					14 hours per year
15	PRO	Utilize small sections of fencing and prickly vegetative barriers that will not impact wildlife movement for stream sections where people persist in entering	\$40,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	20 hours per year
16	PVS	Advise dog owners at entry to the off-leash area that it is on-leash during kokanee spawning season	Operational Resources					14 hours per year

OPERATIONAL FUNDING - CONTINUED

17	PVS	Inform the public of park guidelines within special preservation management zones through signage and interpretation	\$25,000.00		\$25,000.00			14 hours per year
20	PRO	Continue to update and populate the RDCO Parks Hazard / Wildlife Tree Inventory.	Operational Resources					20 hours per year
21	PVS	Decommission the trails in the Cottonwood area on the western edge of the park (Volunteer Supported Project)	Operational Resources					
Subtotal			\$65,000.00	\$10,000.00	\$35,000.00	\$10,000.00	\$10,000.00	

Action			Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
24	PVS	Clarify trail uses and educate the public of appropriate activities that are permitted within the different park management zones	Operational Resources					30 hours per year
27	PVS	Establish a trail hierarchy to help clarify wayfinding and improve sanctioned trail network	Operational Resources					
28	PVS	Develop an unified Signage Strategy which includes directions and distances to points of interest, maps at key locations, appropriate trail use and etiquette, and removal of redundant signage and posts	\$150,000.00	\$50,000.00	\$100,000.00			40 hours
29	PVS	Provide Trail Etiquette Education and signage	included as part of item 34					14 hours per year
31	PRO	Maintain off-leash dog trail; ensure trail is kept clean and that users are abide by the etiquette required in this area.	Operational Resources					70 hours per year
39	PRO	Consider improved winter maintenance activities to minimize ice and snow buildup between Kokanee and Cottonwoods Bridges	Operational Resources					64 hours per year
45	PRO	Provide more site furnishings (e.g. benches, picnic tables, bike racks and trash/recycling receptacles)	\$20,000.00	\$10,000.00		\$10,000.00		16 hours per year
48	PVS	Provide additional bookable outdoor space in East Park area of park	Operational Resources					
Subtotal			\$170,000.00	\$60,000.00	\$100,000.00	\$10,000.00	\$0.00	

OPERATIONAL FUNDING - CONTINUED

Action			Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
49	PVS	Pursue programming opportunities with local academic research/institutions, Westbank First Nation and community organizations	Operational Resources					70 hours per year
50	PVS	Continue to develop relationships with higher level educational institutions towards research and educational activities within the park that supports park initiatives	Operational Resources					35 hours per year
Subtotal			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Action			Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
51	PVS	Develop an interpretative plan to address goals and objectives, interpretative themes and messages, audience, programming, media, facilities, staff and volunteers	\$50,000.00		\$50,000.00			
52	PVS	Plan to redevelop the garden areas outside of the EECO for outdoor interpretive programming through partnerships and volunteer support	Operational Resources					40 hours
53	PVS	Develop an signage program to promote proper multi-use trail etiquette	Operational Resources					
54	PVS	Minimize wildlife conflicts by including prevention and mitigation information in interpretative programs	Operational Resources					15 hours per year
55	PVS	Consider annual funding and resource support with Westbank First Nation to pursue grant opportunities in order to fund First Nations projects and programs	Operational Resources					35 hours per year
57	PVS	Work with Westbank First Nation to develop and implement cultural and historical interpretative programs and content	Operational Resources					70 hours per year
58	PVS	Identify heritage features in the park and consider their treatment in the interpretative plan	included as part of item 58					
Subtotal			\$50,000.00	\$0.00	\$50,000.00	\$0.00	\$0.00	

OPERATIONAL FUNDING - CONTINUED

Action			Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)	Park Resource Effort (Hrs/FTEs)
59	PRO	Implement recommendations within the Regional Parks Community Wildfire Protection Plan, including forest thinning and fuel management by priority and when UBCM Grant's are available.	External funding					
60	PRO	Facilitate sanctioned activities where appropriate in the park	Operational Resources					35 hours per year
61	PVS	Increase proper park etiquette education in the park	Operational Resources					35 hours per year

Subtotal

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Operations Total	Budget Allocation	Short Term (Yr 1-5)	Short - Medium Term (Yr 6-10)	Medium - Long Term (Yr 11-15)	Long Term (Yr 16-20)
	\$285,000.00	\$70,000.00	\$185,000.00	\$20,000.00	\$10,000.00

APPENDIX D: BIOPHYSICAL INVENTORY UPDATE

The mapping changes since the biophysical inventory (circa 2009), include the following:

1. The park boundary has changed since the biophysical inventory was completed (mostly at the east end of the park). We therefore updated our mapping to include the new areas of the park that were not previously mapped. We have included three types of mapping, 1) terrestrial ecosystem mapping (TEM) (Figure 2), 2) Environmental Sensitivity Analysis (Figure 3); and 3) Proposed Park Use Zones. The TEM polygons incorporate base data from a Sensitive Ecosystem Inventory for the Central Okanagan (Haney and Iverson 2009). The polygon extents were adjusted and classification changes made to accurately describe the polygons at the park scale. Each new polygon was then assigned an environmental sensitivity rating of Very High, High, Moderate or Low. Additional details regarding the sensitivity classifications can be found in Olson-Russello and Hawes (2009). The sensitivity rating was evaluated in terms of habitat/ecosystem rarity, wildlife habitat suitability, potential for rare and endangered species, and functional condition. Park Concept Zones were extended to the new polygons taking into account the environmental sensitivity and preferred park uses.
2. Polygon 21 was split into two different polygons to reflect the tree clearing that had occurred. The updated mapping shows the cleared area combined with polygon 19; it is classified as UR (urban) to reflect the existing/upcoming park development.
3. Polygon 34 was newly created, because it is an area of disturbance – due to the placement of dredged material from the spawning channel. It encompasses weedy species and would be an optimal location for park development (i.e. parking lot, facilities, etc.). This polygon was also extended to areas surrounding the fishing pond given the high levels of use by park visitors. The environmental sensitivity of this polygon is Moderate, and it was classified as Park Services.
4. The park zones for polygons 18 and 20 were downgraded to Park Services, given the existing activities, and the urban nature of each.

Other options that could be considered as the process moves along and maybe once we know more about the heritage findings:

1. Expand the Special Preservation Zone to areas below high water (Mission Creek). This would highlight the importance of the creek as a spawning tributary. Larger areas of the Cottonwood ecosystem (CD) could also be designated as SP to highlight its rarity and importance for rare and endangered species.

Citations:

Haney, A. and Iverson, K. 2009. Conservation Analysis and Updated Ecosystem Mapping for the Central Okanagan Valley: Central Okanagan, South Slopes, Kelowna, Ellison and Joe Rich Project Areas. Prepared for: Okanagan Collaborative Conservation Program. Prepared by: Ophiuchus Consulting and Iverson & MacKenzie Biological Consulting Ltd. March 2009.

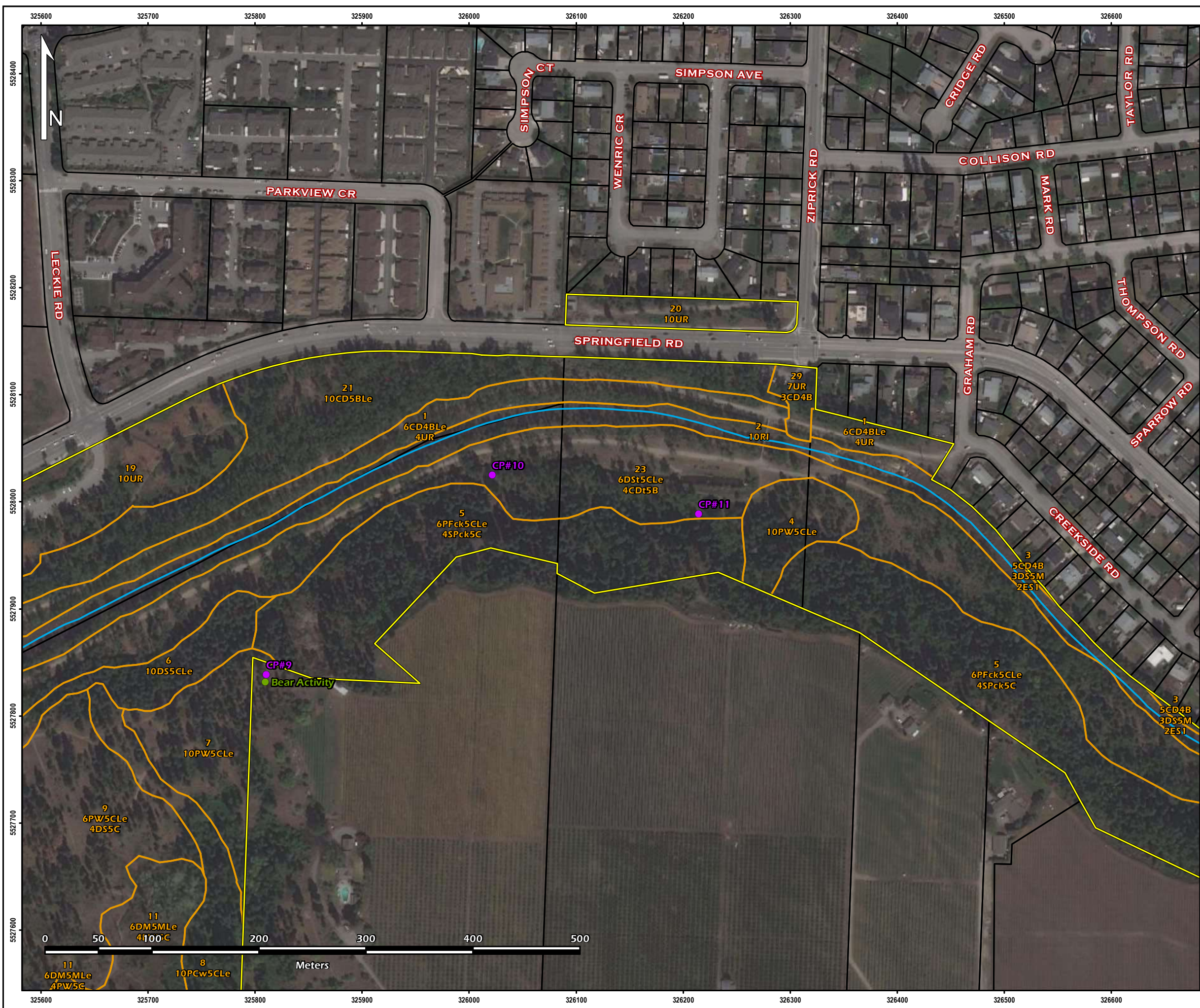


FIGURE 2 - 3
Ecosystem Polygons

Project:

Location:

Project No.:

Prepared for:

Prepared by:

Biophysical Inventory & Assessment

City of Kelowna

19-3013

Regional District of Central Okanagan

Ecoscape Environmental Consultants Ltd.

Josh Castanier, GIS Technician

Coordinate System:

Imagery:

Map Date:

NAD83-UTM Zone 11

ESRI World Imagery

January 29, 2021

LEGEND

Subject Property

Cadastre

Ecosystem Polygons

Pages

Selected Page

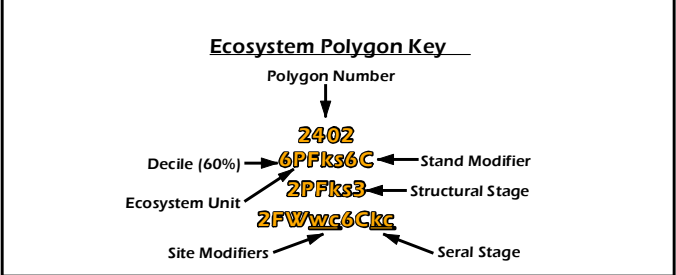
Mission Creek

Environmental Features

Avian Census Point

Invertebrate Sampling Point

Wildlife Observations



OVERVIEW MAP

DISCLAIMER

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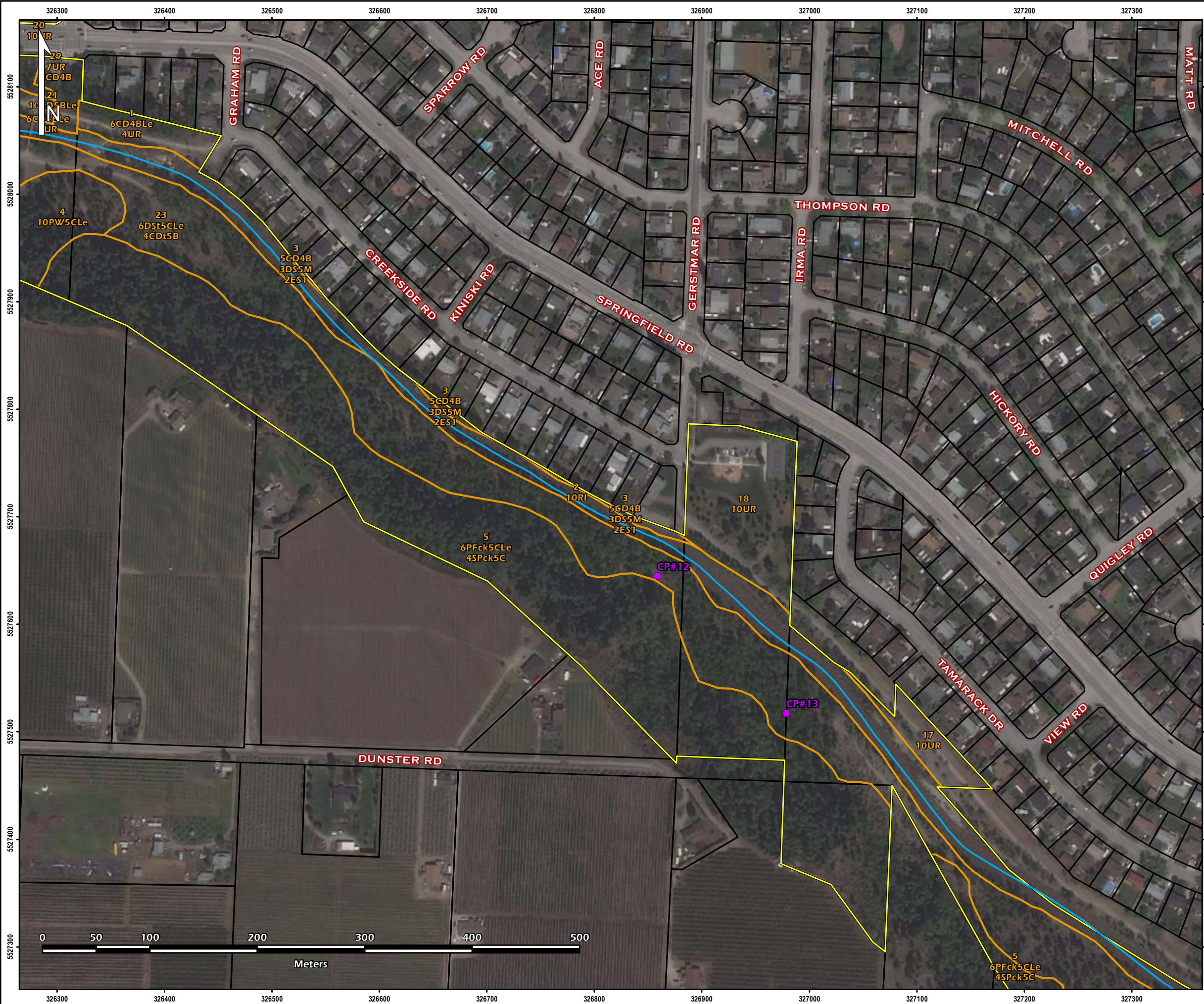


FIGURE 2 - 4
Ecosystem Polygons

Project:

Location:

Project No.:

Prepared for:

Prepared by:

Coordinate System:

Imagery:

Map Date:

Biophysical Inventory & Assessment

City of Kelowna

19-3013

Regional District of Central Okanagan

Ecoscope Environmental Consultants Ltd.

Josh Castanier, GIS Technician

NAD83-UTM Zone 11

ESRI World Imagery

January 29, 2021

LEGEND

Subject Property

Cadastre

Ecosystem Polygons

Pages

Selected Page

Mission Creek

Environmental Features

Avian Census Point

Invertebrate Sampling Point

Wildlife Observations

Ecosystem Polygon Key

Polygon Number

2402

Decile (60%)

6PFks6C

Stand Modifier

Ecosystem Unit

2PFks3

Structural Stage

Site Modifiers

2FWwc6Ckc

Seral Stage

OVERVIEW MAP

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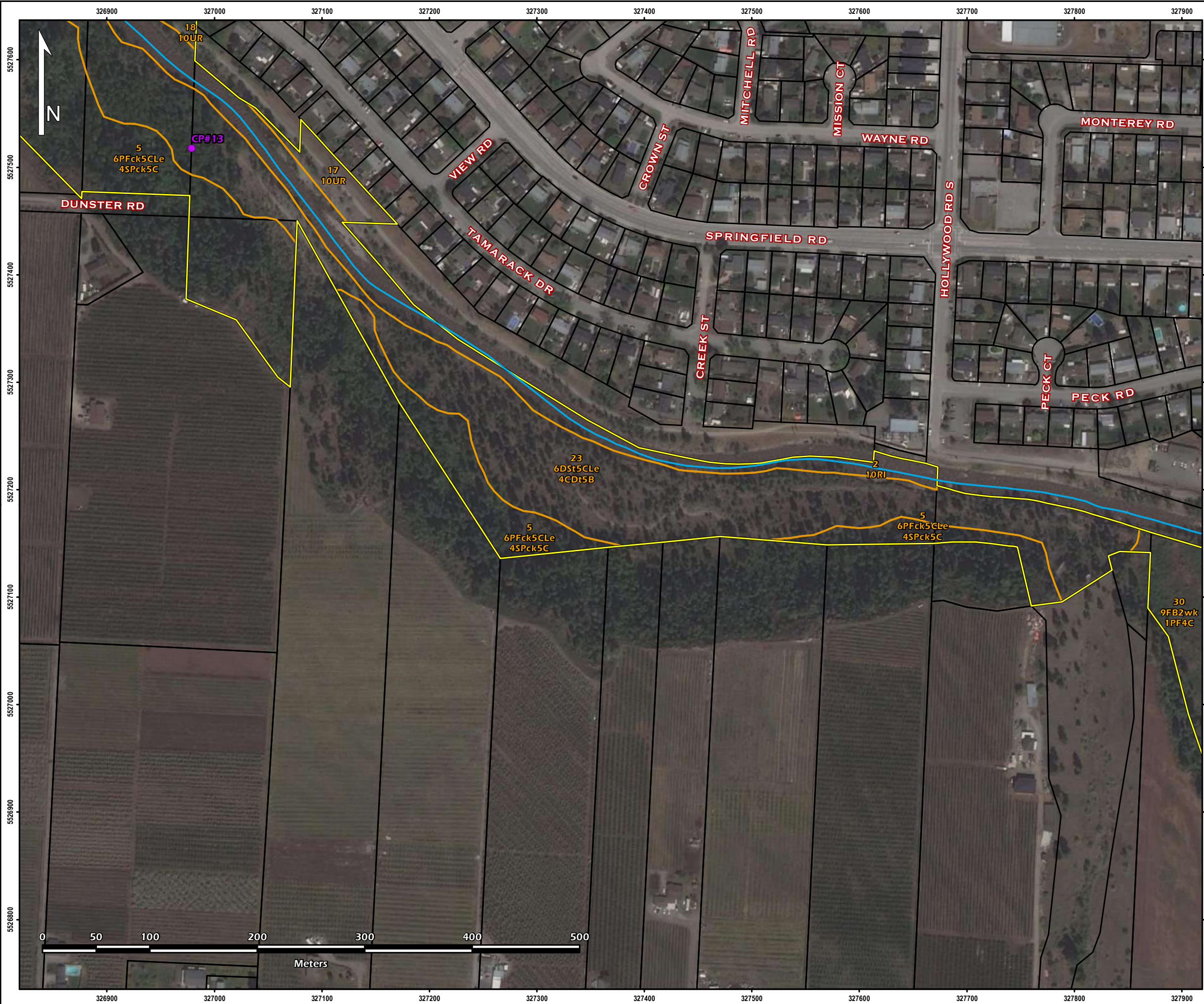


FIGURE 2 - 5
Ecosystem Polygons

Project: Biophysical Inventory & Assessment
Location: City of Kelowna
Project No.: 19-3013
Prepared for: Regional District of Central Okanagan
Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician
Coordinate System: NAD83-UTM Zone 11
Imagery: ESRI World Imagery
Map Date: January 29, 2021

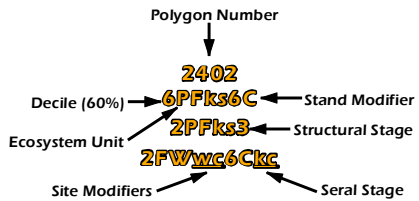
LEGEND

- Subject Property
- Cadastre
- Ecosystem Polygons
- Pages
- Selected Page
- Mission Creek

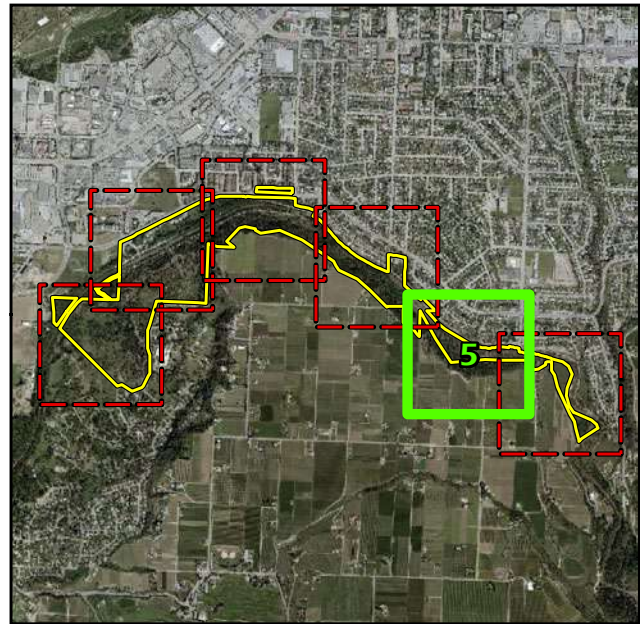
Environmental Features

- Avian Census Point
- Invertebrate Sampling Point
- Wildlife Observations

Ecosystem Polygon Key



OVERVIEW MAP



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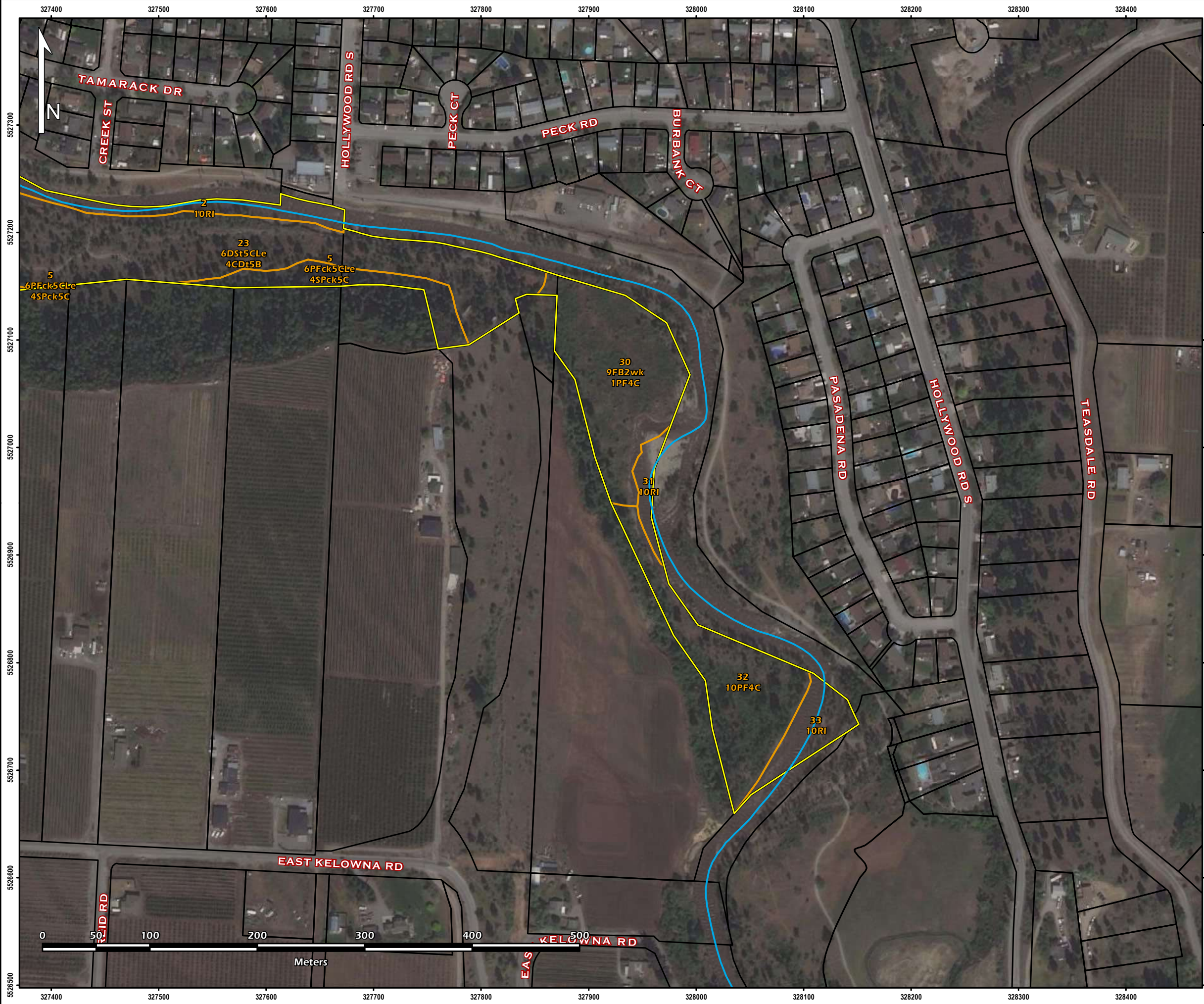


FIGURE 2 - 6
Ecosystem Polygons

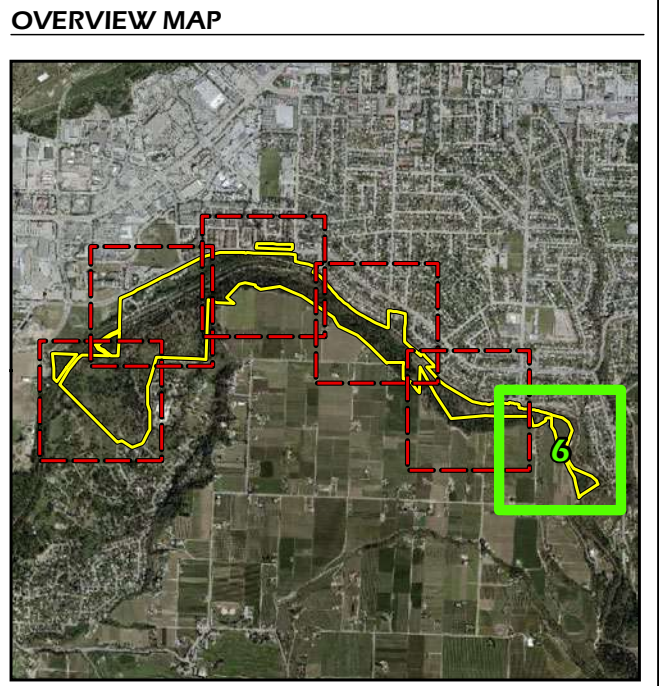
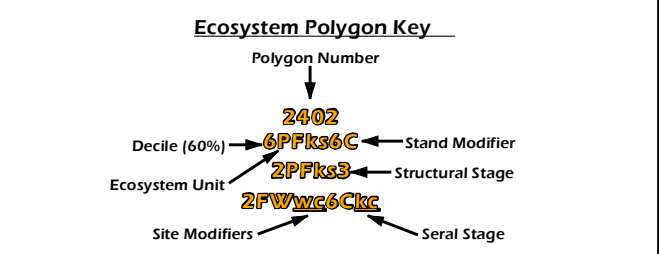
Project: Biophysical Inventory & Assessment
Location: City of Kelowna
Project No.: 19-3013
Prepared for: Regional District of Central Okanagan
Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician
Coordinate System: NAD83-UTM Zone 11
Imagery: ESRI World Imagery
Map Date: January 29, 2021

LEGEND

- Subject Property
- Cadastre
- Ecosystem Polygons
- Pages
- Selected Page
- Mission Creek

Environmental Features

- Avian Census Point
- Invertebrate Sampling Point
- Wildlife Observations



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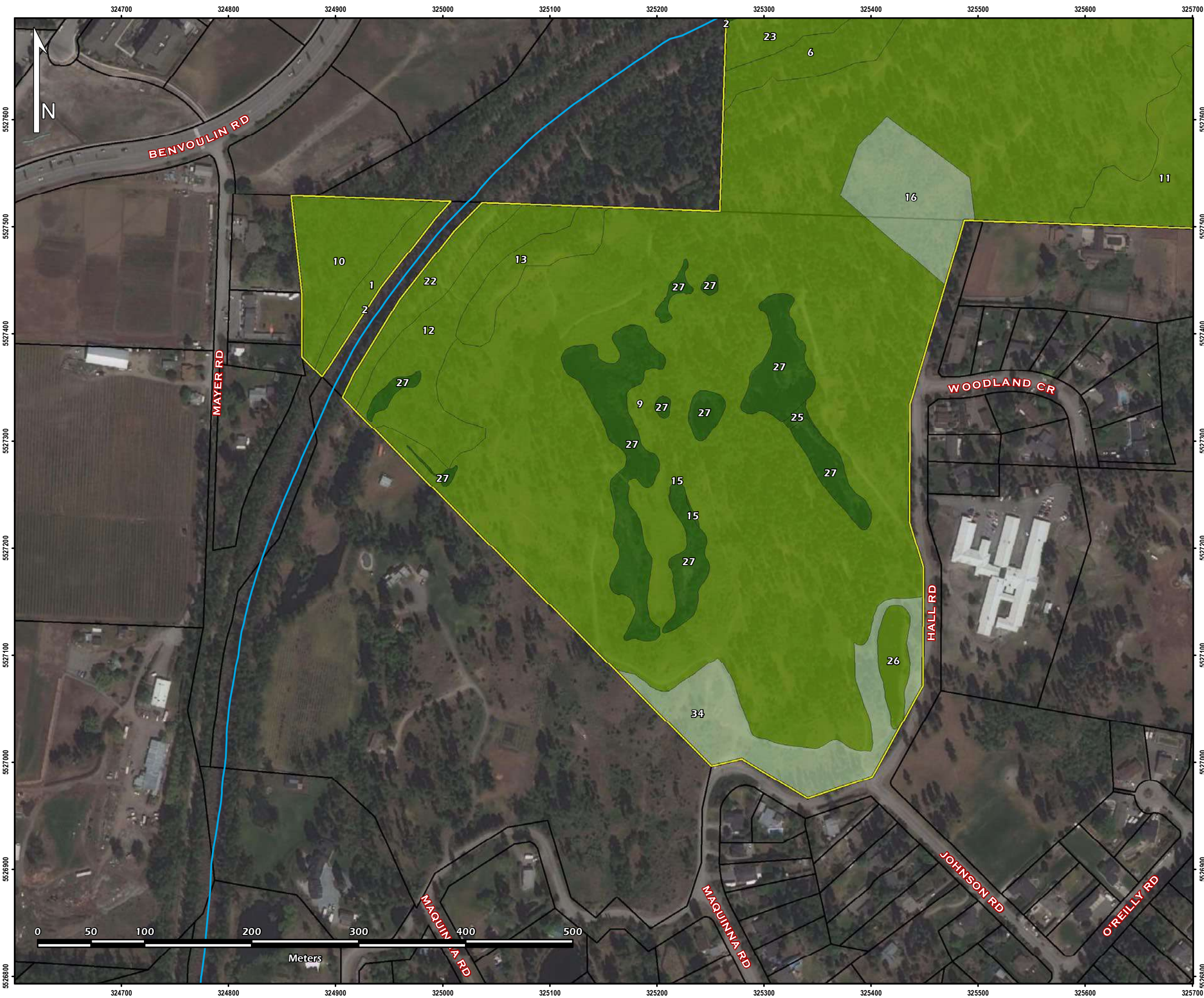


FIGURE 3 - 1
Environmental Sensitivity Analysis

Project:

City of Kelowna

Location:

19-3013

Project No.:

Regional District of Central Okanagan

Prepared for:

Ecoscape Environmental Consultants Ltd.

Prepared by:

Josh Castanier, GIS Technician

Coordinate System:

NAD83-UTM Zone 11

Imagery:

ESRI World Imagery

Map Date:

January 29, 2021

LEGEND

'99'

Ecosystem Polygon Number

Mission Creek

Subject Property

Cadastre

Pages

Selected Page

Environmental Sensitivity Rating

Very High (ESA 1)

High (ESA 2)

Moderate (ESA 3)

Low (ESA 4)

OVERVIEW MAP

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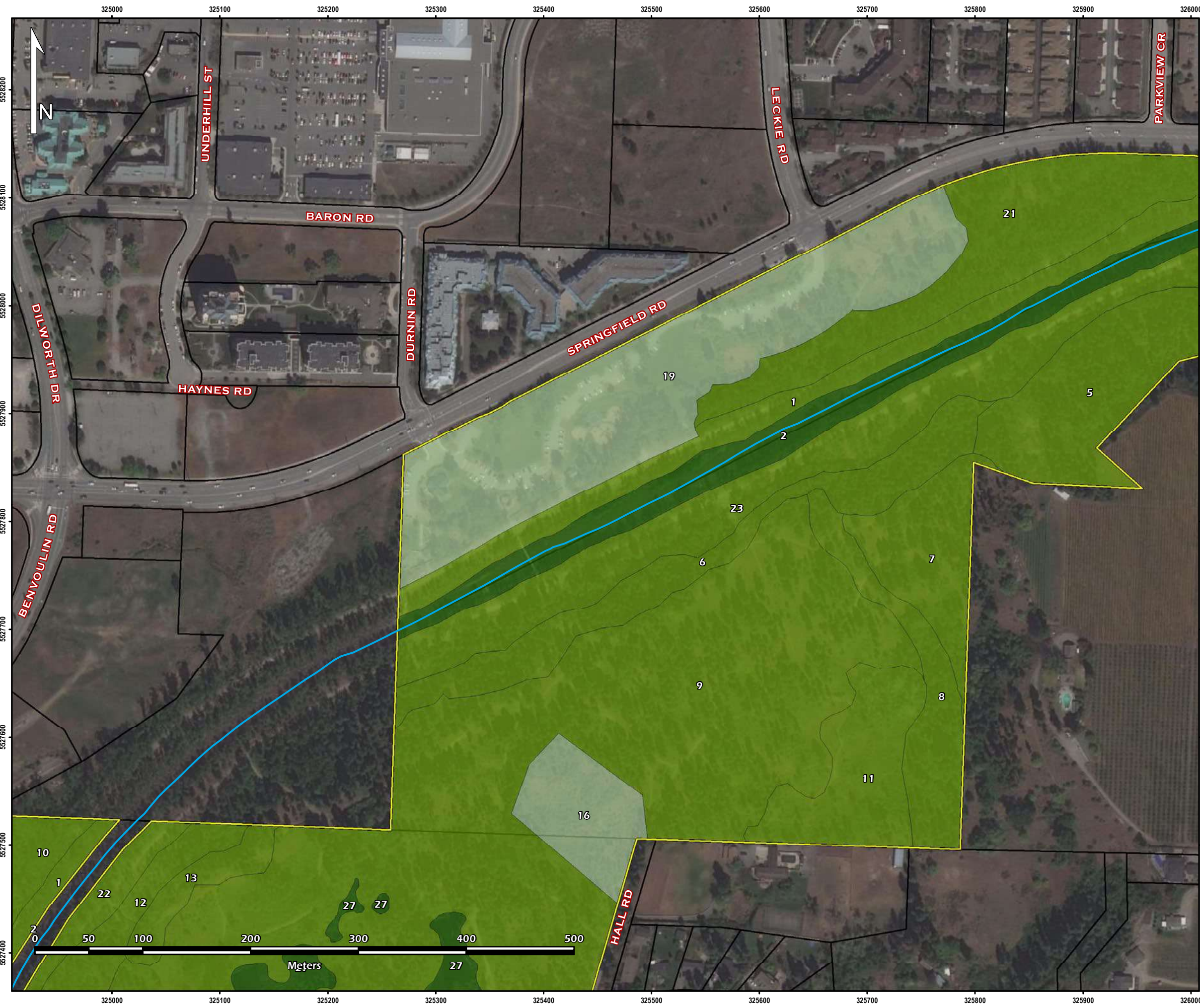


FIGURE 3 - 2

Environmental Sensitivity Analysis

Project:	Biophysical Inventory & Assessment
Location:	City of Kelowna
Project No.:	19-3013
Prepared for:	Regional District of Central Okanagan
Prepared by:	Ecoscope Environmental Consultants Ltd. Josh Castanier, GIS Technician
Coordinate System:	NAD83-UTM Zone 11
Imagery:	ESRI World Imagery
Map Date:	January 29, 2021

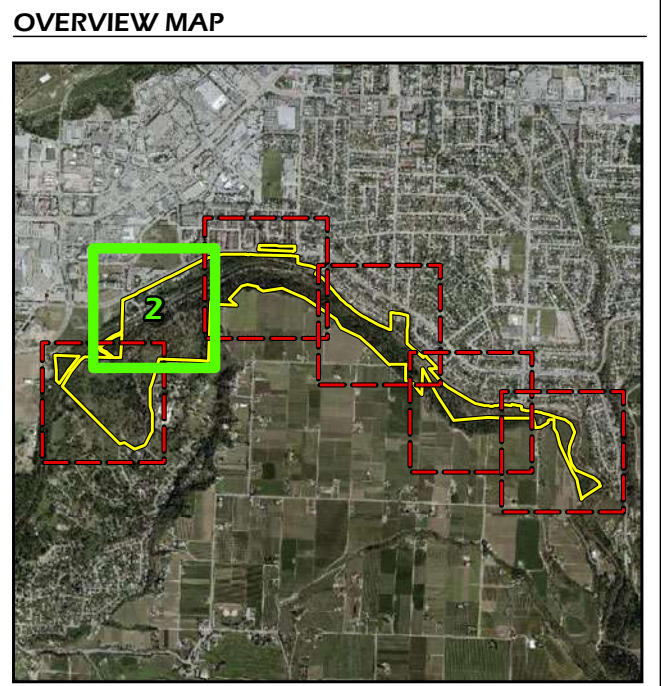
LEGEND

Ecosystem Polygon Number

- Mission Creek
- Subject Property
- Cadastrate
- Pages
- Selected Page

Environmental Sensitivity Rating

- Very High (ESA 1)
- High (ESA 2)
- Moderate (ESA 3)
- Low (ESA 4)



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FIGURE 3 - 3

Environmental Sensitivity Analysis

Project:	Biophysical Inventory & Assessment
Location:	City of Kelowna
Project No.:	19-3013
Prepared for:	Regional District of Central Okanagan
Prepared by:	Ecoscape Environmental Consultants Ltd. Josh Castanier, GIS Technician
Coordinate System:	NAD83-UTM Zone 11
Imagery:	ESRI World Imagery
Map Date:	January 29, 2021

LEGEND

'99' Ecosystem Polygon Number

- Mission Creek
- Subject Property
- Cadastre
- Pages
- Selected Page

Environmental Sensitivity Rating

- Very High (ESA 1)
- High (ESA 2)
- Moderate (ESA 3)
- Low (ESA 4)

OVERVIEW MAP

The overview map shows a larger aerial view of the region. A red dashed rectangle outlines the area covered by the main map. A yellow line indicates the location of Mission Creek. A green square highlights the specific area shown in the main map, labeled with the number 3.

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FIGURE 3 - 4

Environmental Sensitivity Analysis

Project:	Biophysical Inventory & Assessment
Location:	City of Kelowna
Project No.:	19-3013
Prepared for:	Regional District of Central Okanagan
Prepared by:	Ecoscape Environmental Consultants Ltd. Josh Castanier, GIS Technician
Coordinate System:	NAD83-UTM Zone 11
Imagery:	ESRI World Imagery
Map Date:	January 29, 2021

LEGEND

'99' Ecosystem Polygon Number

- Mission Creek
- Subject Property
- Cadastre
- Pages
- Selected Page

Environmental Sensitivity Rating

- Very High (ESA 1)
- High (ESA 2)
- Moderate (ESA 3)
- Low (ESA 4)

OVERVIEW MAP

The overview map shows a larger area with a red dashed line indicating the extent of the study area. A green box highlights the specific area shown in the main map. The number 4 is visible within the green box.

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FIGURE 3 - 5

Environmental Sensitivity Analysis

Project: Biophysical Inventory & Assessment

Location: City of Kelowna

Project No.: 19-3013

Prepared for: Regional District of Central Okanagan

Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician

Coordinate System: NAD83-UTM Zone 11

Imagery: ESRI World Imagery

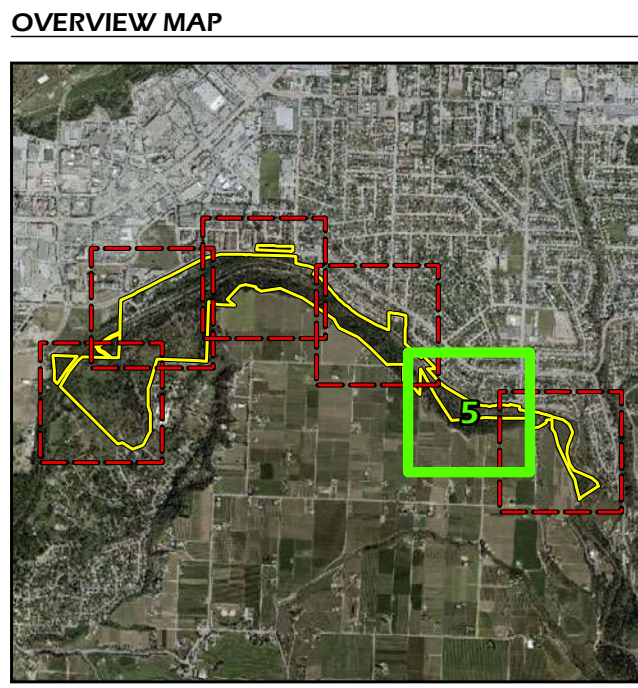
Map Date: January 29, 2021

LEGEND

- 99 Ecosystem Polygon Number
- Mission Creek
- Subject Property
- Cadastre
- Pages
- Selected Page

Environmental Sensitivity Rating

- Very High (ESA 1)
- High (ESA 2)
- Moderate (ESA 3)
- Low (ESA 4)



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FIGURE 3 - 6
Environmental Sensitivity Analysis

Project:
Location:
Project No.:
Prepared for:
Prepared by:

Biophysical Inventory & Assessment
City of Kelowna
19-3013
Regional District of Central Okanagan
Ecoscope Environmental Consultants Ltd.
Josh Castanier, GIS Technician

Coordinate System:
Imagery:
Map Date:

NAD83-UTM Zone 11
ESRI World Imagery
January 29, 2021

LEGEND

Ecosystem Polygon Number

Mission Creek

Subject Property

Cadastre

Pages

Selected Page

Environmental Sensitivity Rating

Very High (ESA 1)

High (ESA 2)

Moderate (ESA 3)

Low (ESA 4)

OVERVIEW MAP

DISCLAIMER
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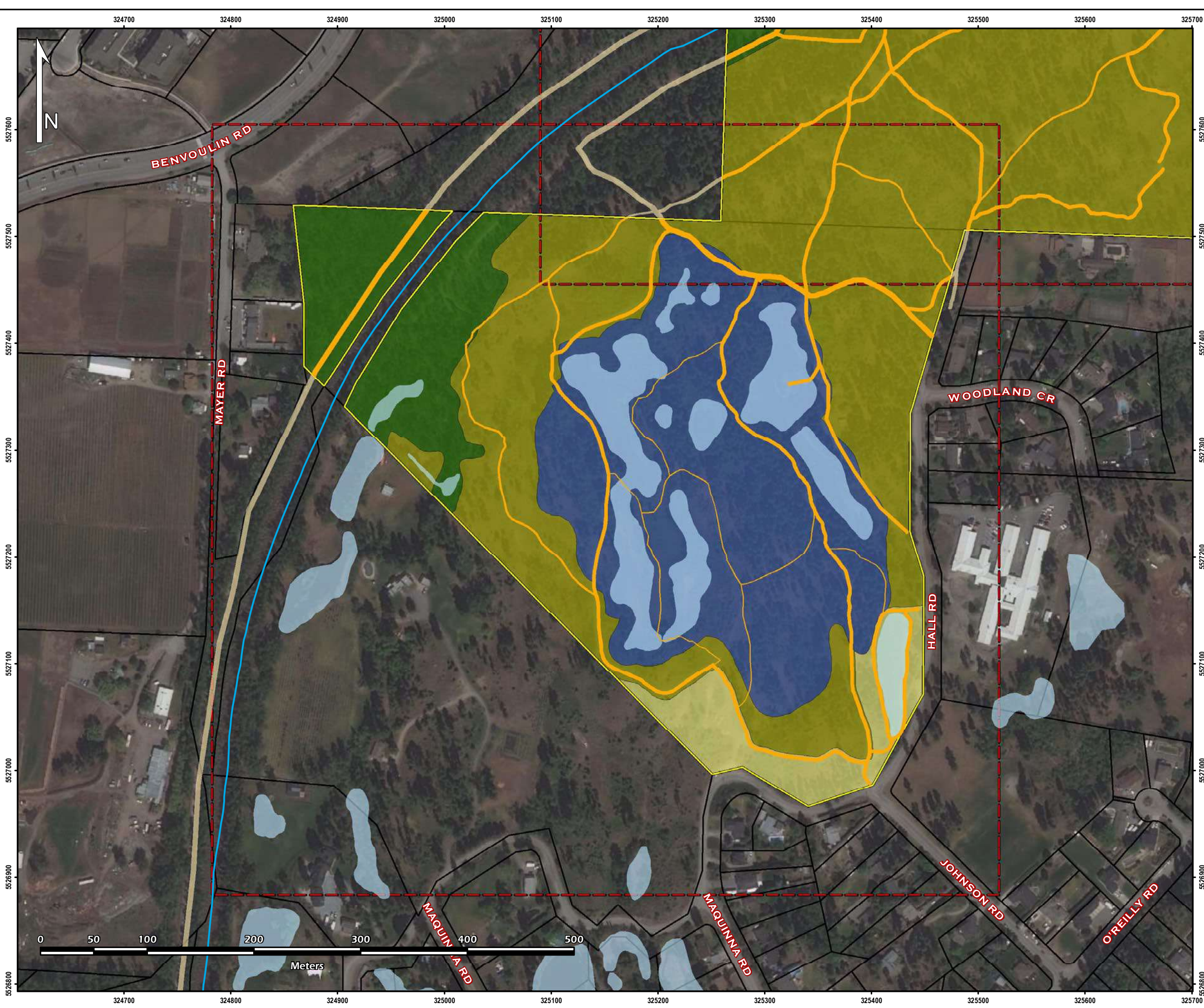


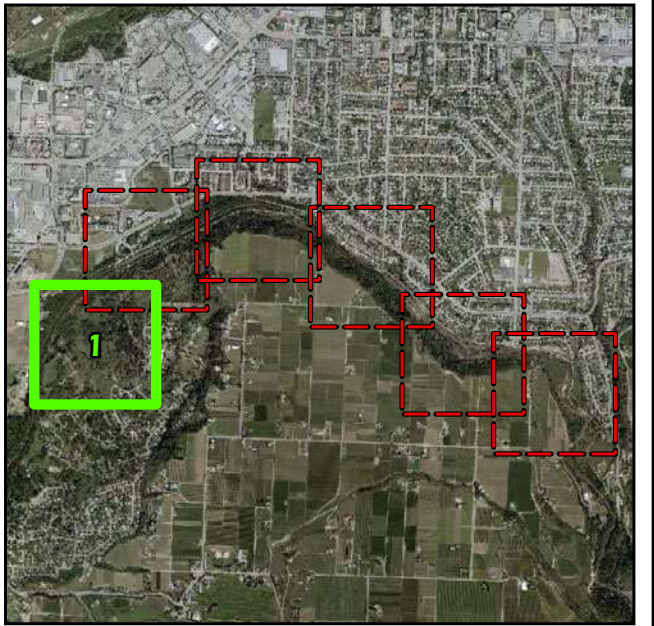
FIGURE 4 - 1
Proposed Park Use / Zoning

Project:	Biophysical Inventory & Assessment
Location:	City of Kelowna
Project No.:	19-3013
Prepared for:	Regional District of Central Okanagan
Prepared by:	Ecoscape Environmental Consultants Ltd. Josh Castanier, GIS Technician
Coordinate System:	NAD83-UTM Zone 11
Imagery:	ESRI World Imagery
Map Date:	January 29, 2021

LEGEND

- Mission Creek
- Subject Property
- Cadastre
- Okanagan Wetlands
- Pages
- Selected Page
- Connecting Trails
- Concept Park Zones
 - Ecosystem
 - Natural Environment
 - Park Services
 - Special Preservation
 - Outdoor Recreation

OVERVIEW MAP



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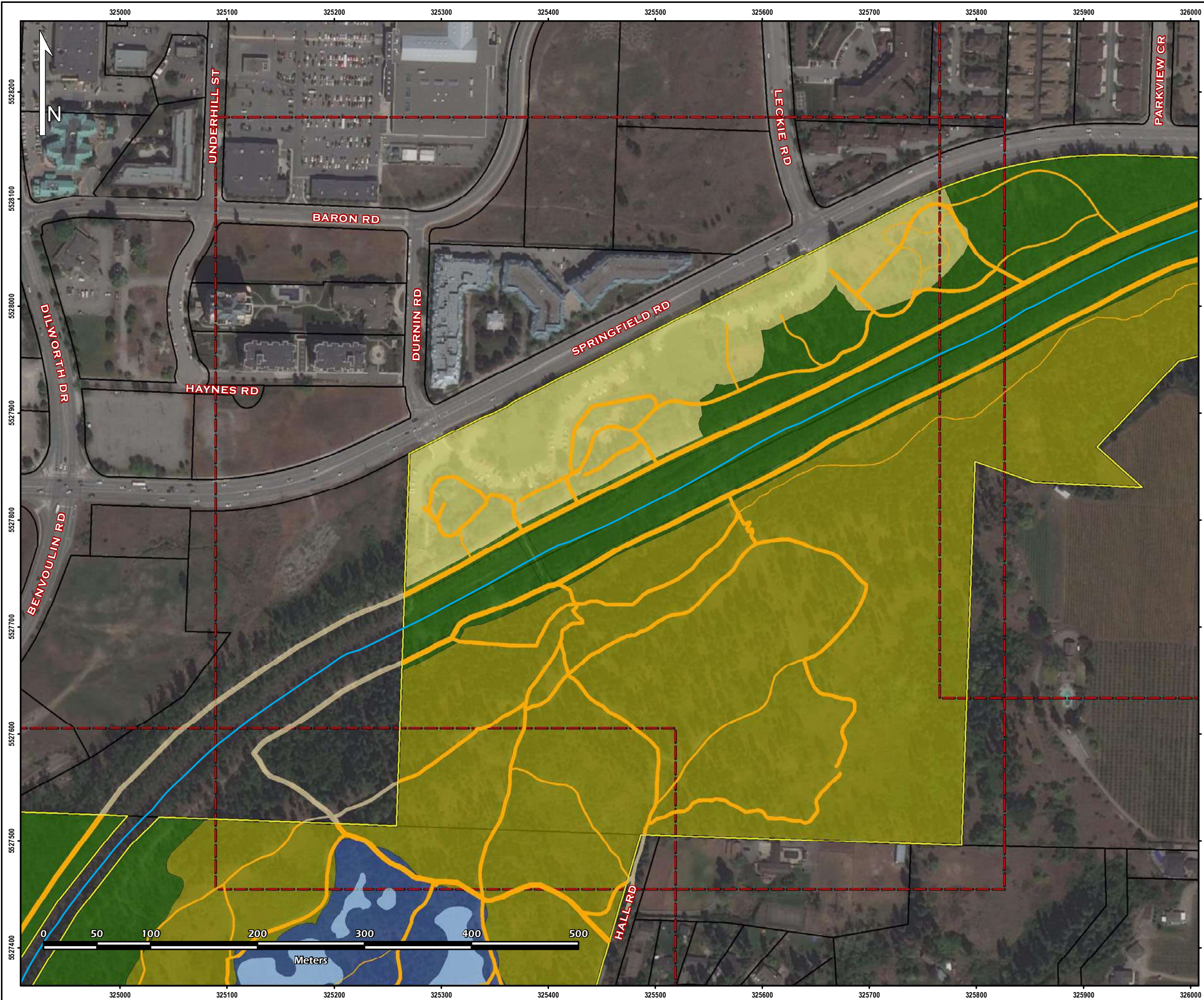


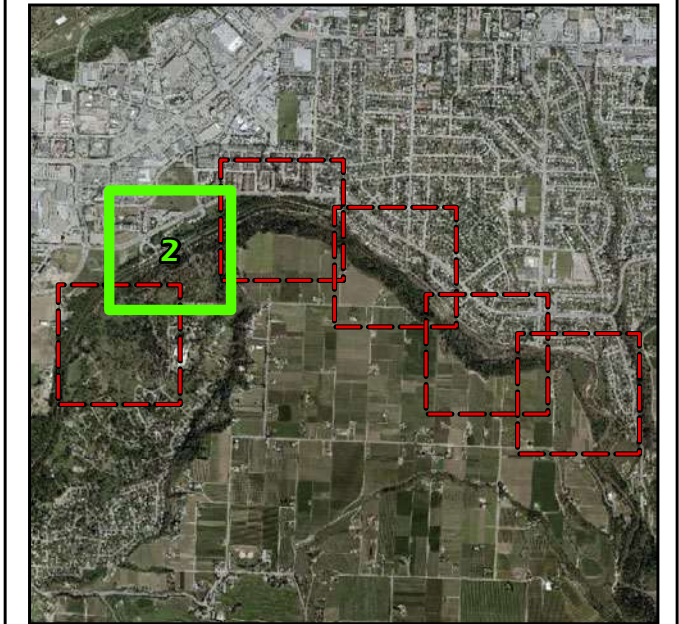
FIGURE 4 - 2
Proposed Park Use / Zoning

Project: Biophysical Inventory & Assessment
Location: City of Kelowna
Project No.: 19-3013
Prepared for: Regional District of Central Okanagan
Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician
Coordinate System: NAD83-UTM Zone 11
Imagery: ESRI World Imagery
Map Date: January 29, 2021

LEGEND

- Mission Creek
- Subject Property
- Cadastre
- Okanagan Wetlands
- Pages
- Selected Page
- Connecting Trails
- Concept Park Zones
 - Ecosystem
 - Natural Environment
 - Park Services
 - Special Preservation
 - Outdoor Recreation

OVERVIEW MAP



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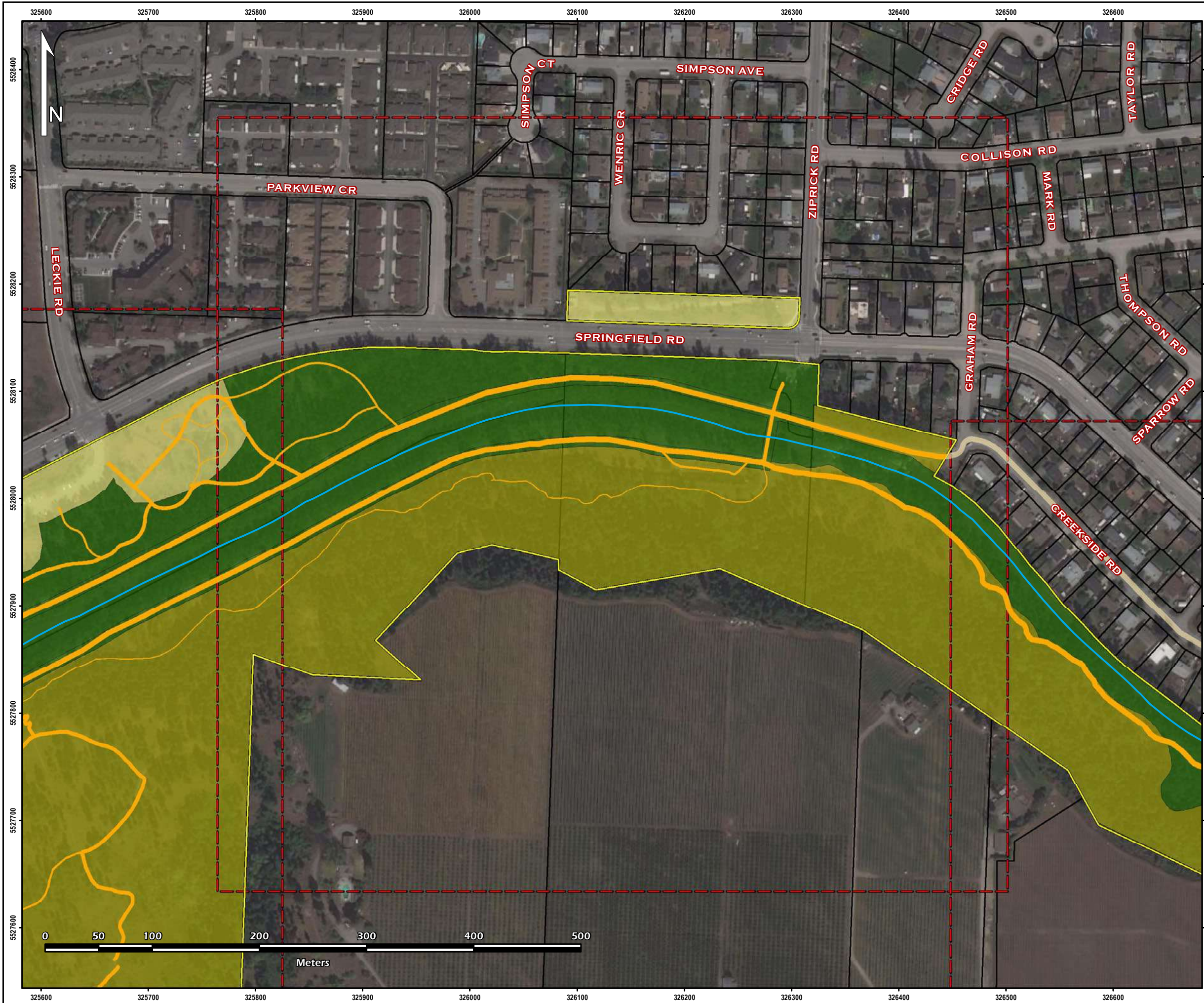


FIGURE 4 - 3

Proposed Park Use / Zoning

Project:

Biophysical Inventory & Assessment

Location:

City of Kelowna

Project No.:

19-3013

Prepared for:

Regional District of Central Okanagan

Prepared by:

Ecoscope Environmental Consultants Ltd.
Josh Castanier, GIS Technician

Coordinate System:

NAD83-UTM Zone 11

Imagery:

ESRI World Imagery

Map Date:

January 29, 2021

LEGEND

Mission Creek

Subject Property

Cadastral

Okanagan Wetlands

Pages

Selected Page

Connecting Trails

Concept Park Zones

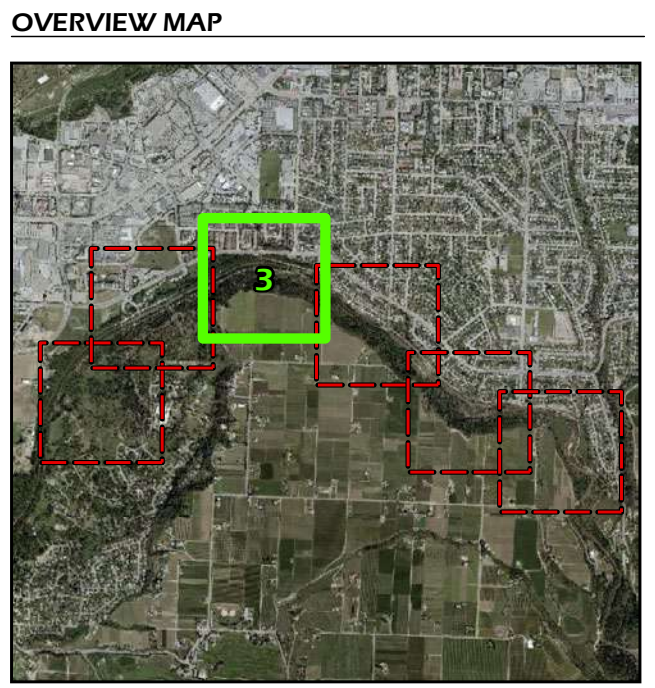
Ecosystem

Natural Environment

Park Services

Special Preservation

Outdoor Recreation



DISCLAIMER

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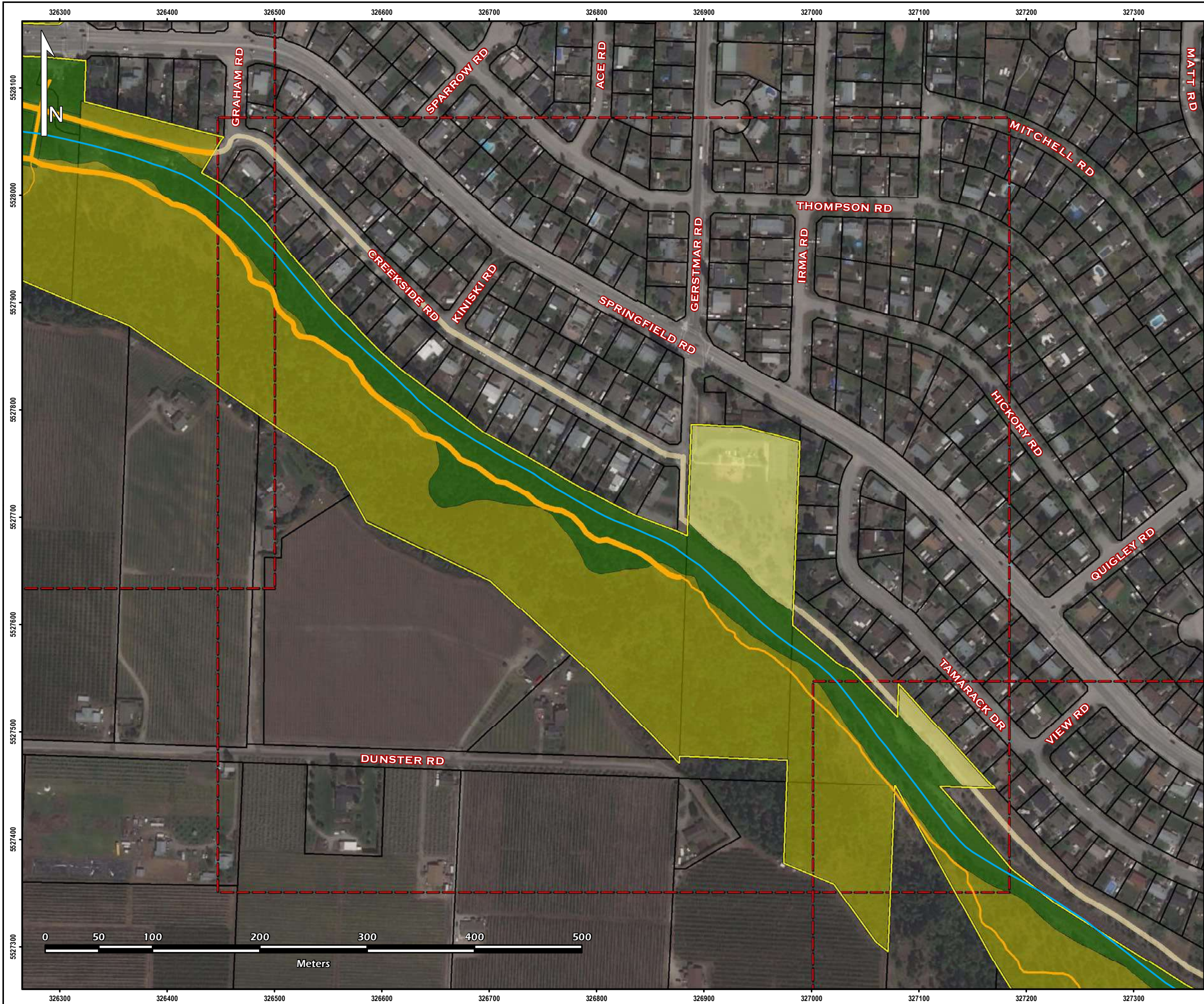
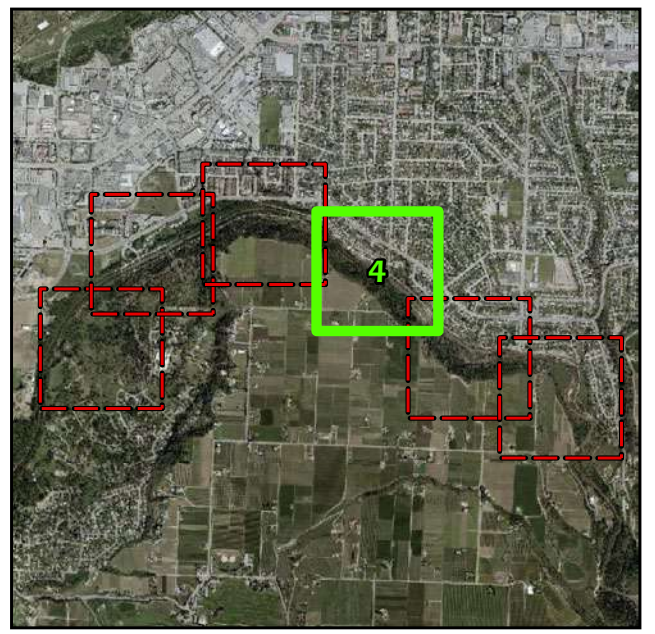


FIGURE 4 - 4
Proposed Park Use / Zoning

Project: Biophysical Inventory & Assessment
Location: City of Kelowna
Project No.: 19-3013
Prepared for: Regional District of Central Okanagan
Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician
Coordinate System: NAD83-UTM Zone 11
Imagery: ESRI World Imagery
Map Date: January 29, 2021

- LEGEND**
- Mission Creek
 - Subject Property
 - Cadastre
 - Okanagan Wetlands
 - Pages
 - Selected Page
 - Connecting Trails
 - Concept Park Zones**
 - Ecosystem
 - Natural Environment
 - Park Services
 - Special Preservation
 - Outdoor Recreation

OVERVIEW MAP



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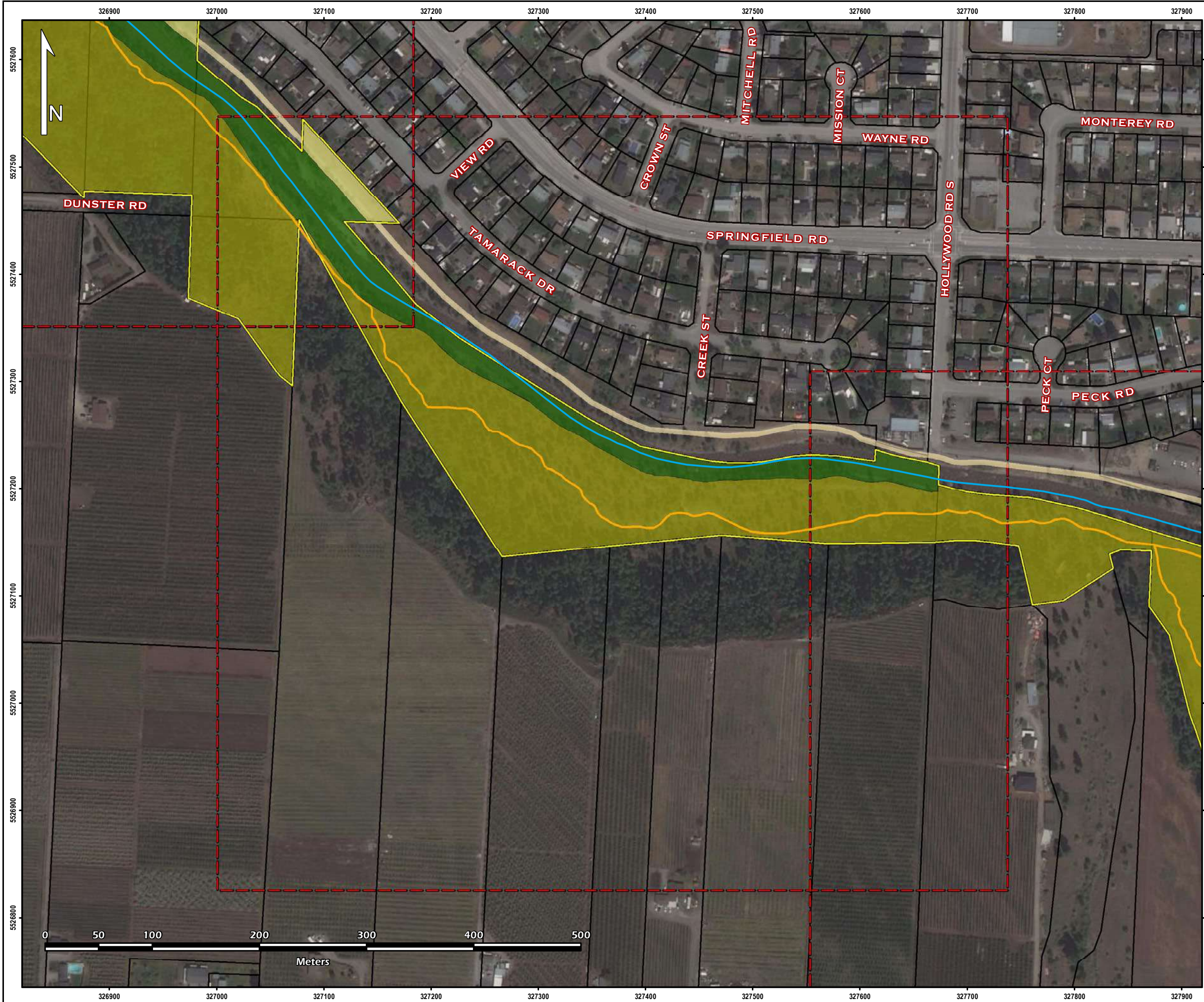


FIGURE 4 - 5
Proposed Park Use / Zoning

Project:
Location:
Project No.:
Prepared for:
Prepared by:

Biophysical Inventory & Assessment
City of Kelowna
19-3013
Regional District of Central Okanagan
Ecoscope Environmental Consultants Ltd.
Josh Castanier, GIS Technician

Coordinate System:
Imagery:
Map Date:

NAD83-UTM Zone 11
ESRI World Imagery
January 29, 2021

LEGEND

Mission Creek

Subject Property

Cadastre

Okanagan Wetlands

Pages

Selected Page

Connecting Trails

Concept Park Zones

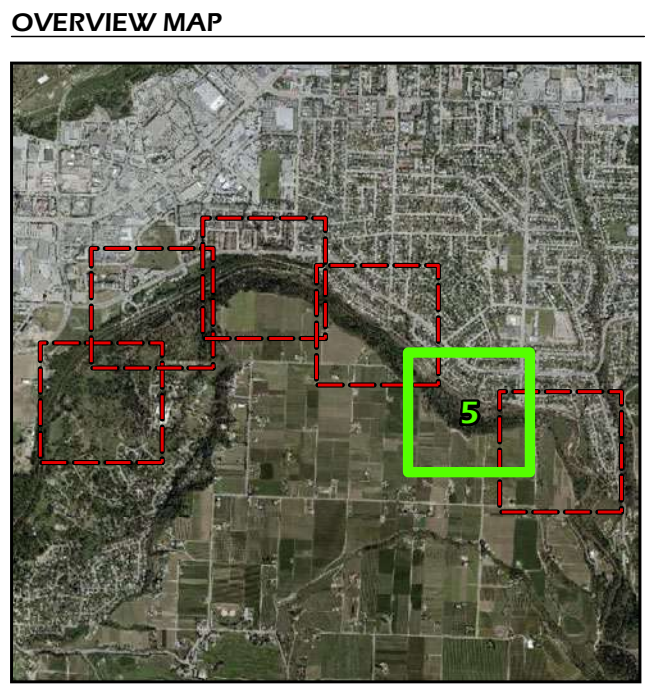
Ecosystem

Natural Environment

Park Services

Special Preservation

Outdoor Recreation



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FIGURE 4 - 6

Proposed Park Use / Zoning

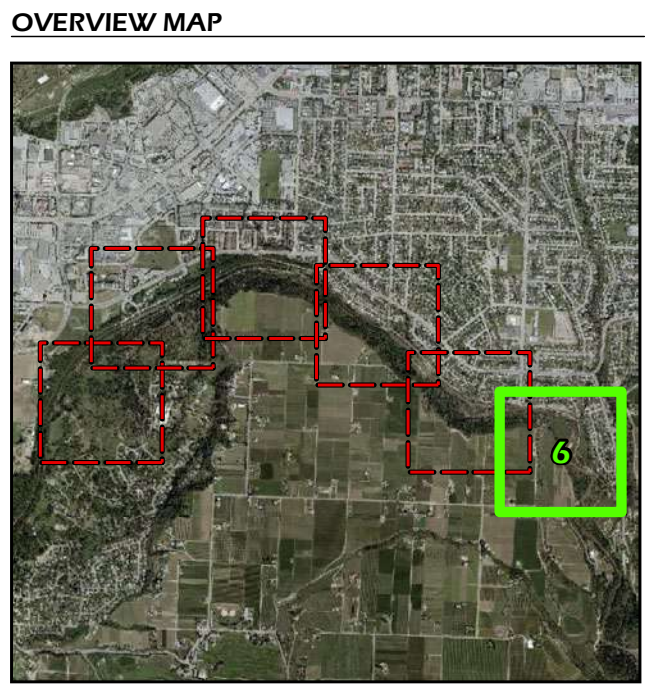
Project:	Biophysical Inventory & Assessment
Location:	City of Kelowna
Project No.:	19-3013
Prepared for:	Regional District of Central Okanagan
Prepared by:	Ecoscope Environmental Consultants Ltd. Josh Castanier, GIS Technician
Coordinate System:	NAD83-UTM Zone 11
Imagery:	ESRI World Imagery
Map Date:	January 29, 2021

LEGEND

- Mission Creek
- Subject Property
- Cadastre
- Okanagan Wetlands
- Pages
- Selected Page
- Connecting Trails

Concept Park Zones

- Ecosystem
- Natural Environment
- Park Services
- Special Preservation
- Outdoor Recreation



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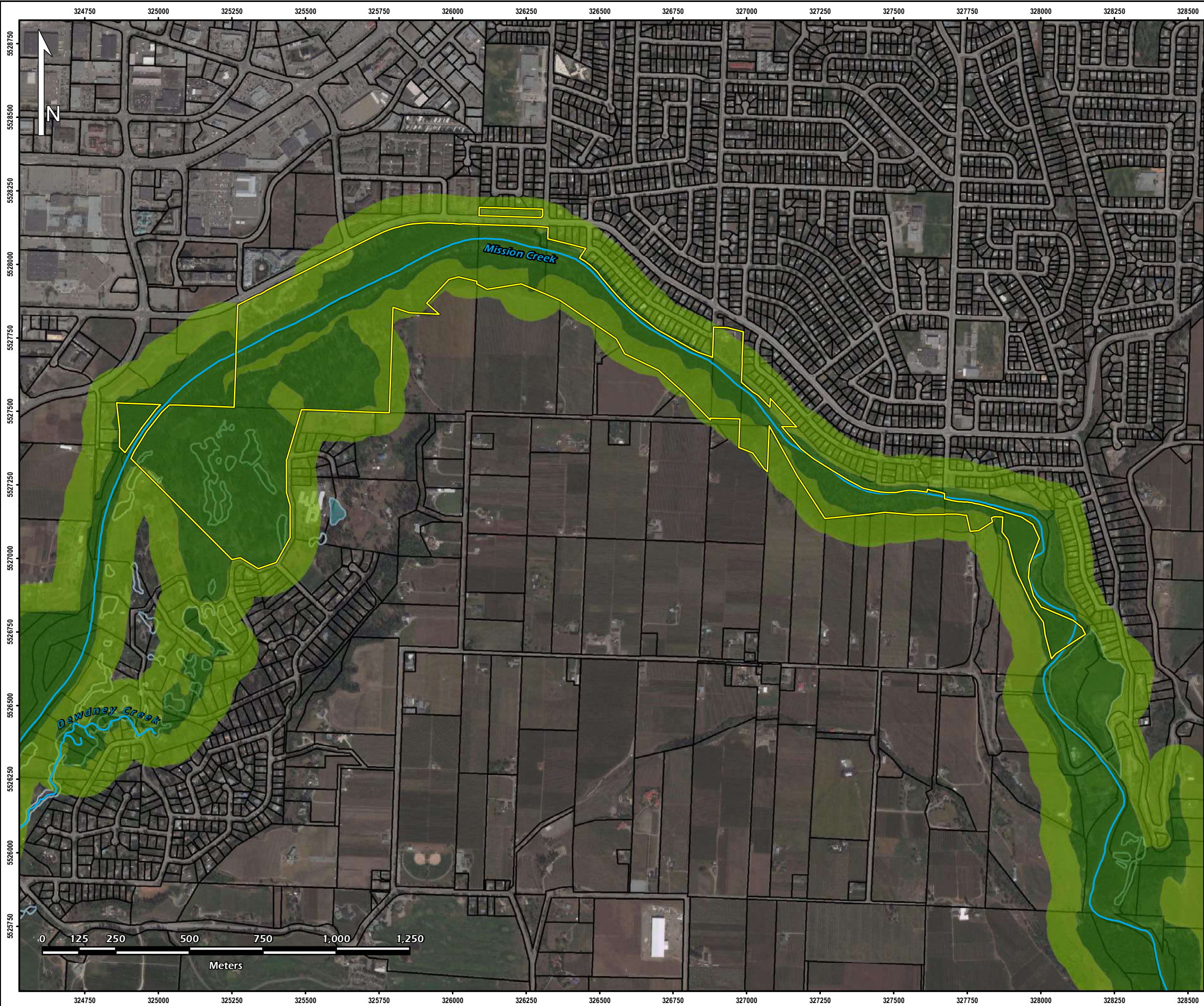


FIGURE 5
Conservation Zones

Project: Biophysical Inventory & Assessment
Location: City of Kelowna
Project No.: 19-3013
Prepared for: Regional District of Central Okanagan
Prepared by: Ecoscape Environmental Consultants Ltd.
Josh Castanier, GIS Technician
Coordinate System: NAD83-UTM Zone 11
Imagery: ESRI World Imagery
Map Date: January 29, 2021

- LEGEND**
- Mission Creek
 - Streams and Rivers
 - Subject Property
 - Cadastre
 - SEI Conservation Zones**
 - Core Conservation Areas
 - Core Conservation Buffers
 - Wildlife Corridors
 - Other Important Conservation Areas

DISCLAIMER
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APPENDIX E: USER SURVEY RESULTS

USER SURVEY SUMMARY

The initial public engagement for the creation of a new management plan for Mission Creek Regional Park focused on gathering feedback from current users of the park to determine how the park is accessed and enjoyed today. The public was also asked to identify existing shortcomings of the park.

One of the intents of this engagement was to inform the public that a plan to guide the park through the next 20 years was in the works and to encourage the public to take part in the process of its creation.

An **Online User Survey for Mission Creek Park** was live from **September 20 to October 4, 2019**. Of the 110 participants, most reported living in Kelowna (83%) and surrounding communities (15%). The survey found that the majority of people arrive by car (73%) and the remaining by bike (14%), by foot (13%) and by bus (<1%). For vehicles, the main access point is the main parking lot off Springfield using the entrance at Durnin (37%) over the one at Leckie (21%). For those not arriving by car, the greenway is a popular access point.

The top five park activities were found to be walking (55%), biking (34%), playing (34%), hiking (27%) and walking a dog (23%). The most valuable aspects of the park were identified as the EECO, trail network, access to nature and the playground. Common suggestions for improvement focused on clarifying wayfinding signage, updating playground equipment, increasing the number of benches, picnic tables, water fountains and waste receptacles and enforcing the dogs-on-leash bylaw. People expressed

In **summary**, after reviewing the feedback from all participants, it is clear that the strength of this park rests on:

1. its central location which ensures accessibility
2. its amenities and programs which provide a diverse mix recreational opportunities
3. its natural setting which allows for outdoor learning and activities
4. its proximity to the greenway where it acts as an active transportation hub

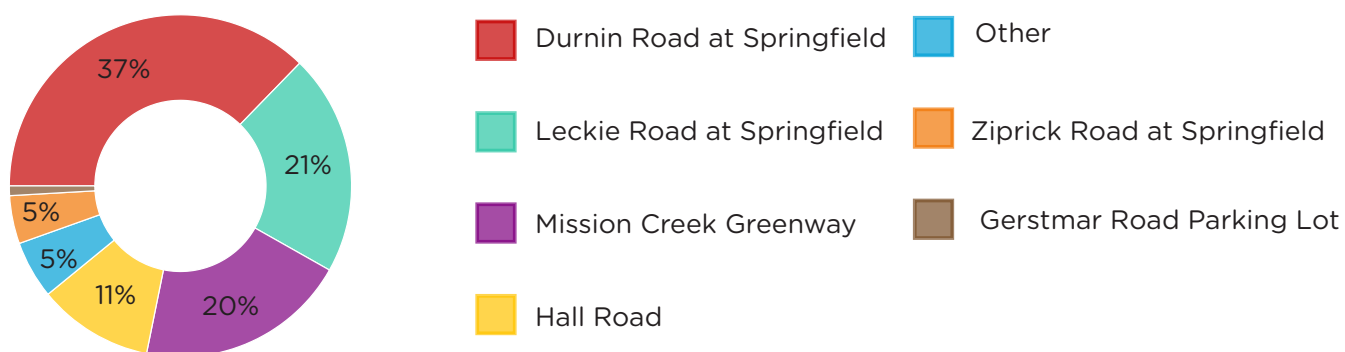
Although the majority of users do some form of pedestrian activity, this park is also used for geocaching, bird watching and other wildlife viewing, treasure hunts, commuting, hosting birthday parties in the picnic area, running clubs training routes, fitness and yoga classes, and storytelling.

USER SURVEY DATA

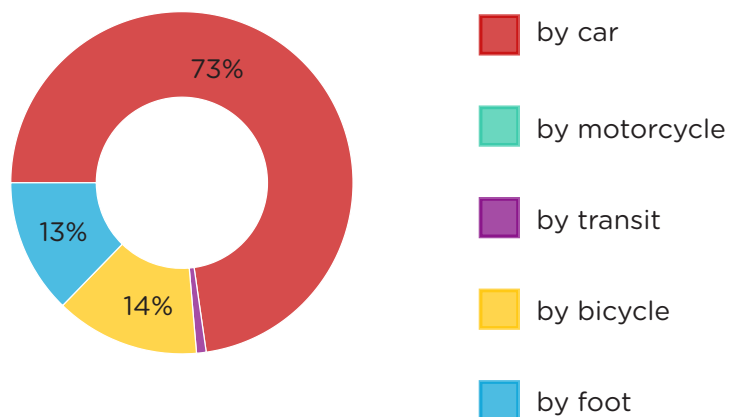
WHERE DO YOU LIVE?



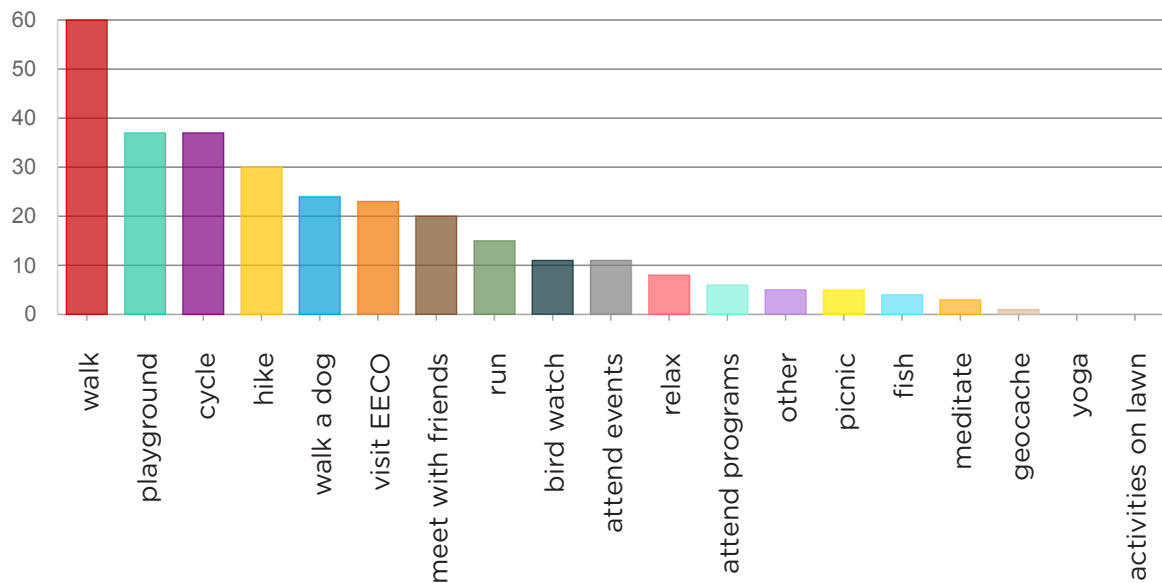
WHERE DO YOU TYPICALLY ENTER THE PARK?



HOW DO YOU TYPICALLY GET TO THE PARK?



WHAT ACTIVITIES DO YOU DO IN THE PARK?



WHAT WOULD YOU LIKE TO KEEP THE SAME IN THIS PARK?

1. Keep it natural
2. Fishing pond.
3. no opinion.
4. Aesthetic
5. Protected as a park.
6. I like how it is. Playground, walking path, grass to run around in.
7. Trails
8. Lots of trails and really big playground.
9. Forested areas and class 6 trails.
10. Mission Creek Trail systems.
11. Open areas and forest garden
12. hiking trails
13. The public access to the EECO and the childrens environmental / ecological programs - think Greta Thunberg!! Engage the next generations!
14. Definitely the accessibility for everyone
15. Please don't close the EECO
16. I think it's a decent location. Not to close to the covered eating area where large groups gather (too many people and too noisy if it's too close). Good distance to the EECO center
17. Trail networks
18. The EECO Centre!
19. Lots of different paths, love the turtle pond but sometimes the water seems low. Lots of birds. Great seeing young kids running around the park. Love the beavers! Bike access is

- really immigrant for folks riding from one side to the other. We bike through from Hall road to go shopping
20. Love it the way it is, fabulous improvements over the years. Stay on course :)
 21. Mainly everything.
 22. Trails, greenway, most of ity.
 23. Access to nature.
 24. The ponds, the walking trail networks, the natural setting.
 25. Shared use of greenway by walkers, bikers, horses, dogs, baby strollers, etc.
 26. don't know
 27. The park all along tMission Creek
 28. Please, please, please keep it natural. Also, the RDCO team does an amazing job of maintenance. They should really be commended for the work they do. Great job!!"
 29. Spawning channel Playground EECO Fishing Pond Turtle Pond Bike Park Greenway
 30. I like the mix of activities - even though I don't use them all - seems efficient and I generally see lots of different people using the park for different reasons. I like the link to the Greenway.
 31. The viewings, the freedom
 32. Trails,
 33. Everything
 34. Maintenance of the path, healthy tree lined banks, several points of access, information boards along the path, public access to the ECCO building and it's educational programs.
 35. Hiking trails
 36. trails, playground, picnic shelter, washrooms
 37. Forested areas, non-motorized use
 38. The natural features, rustic wilderness feel, dirt paths,
 39. greenway, cycling, dogs on leash
 40. as much wild areas as possible
 41. The trails, picnic shelter, playground, EECO centre. This park is a good example of how natural and manicured public space can work together to meet public needs. In conjunction with the displays in the centre, it's a prime location for environmental education. An excellent day use park for those who want to wander the trails and experience nature to those that want to picnic and gambol on the grass and playground.
 42. as natural as possible
 43. The natural environment of the back trail.
 44. I'm happy with the current setup.
 45. All is good
 46. Creek access
 47. Large exhibition space
 48. The selection of trails that allow us to get away from the noise and activity around the lower spots like playground, picnic area etc
 49. Natural state
 50. The natural aspects - it feels like you are in the forest in the middle of a city. Plus having a walking/biking path that connects different parts of town is awesome.
 51. The natural feel of the park. We like that not all the trails are major trails and there aren't too many man made items in the park ie. tables and benches
 52. I would like to keep the salmon run and fish ladder area the same because, without leaving immediate Kelowna area, it's hard to see this part of nature. To keep the trails the way they are, not manicured but rustic and natural.
 53. It's nature
 54. The greenway, and the playgrounds!
 55. natural habitat
 56. Playground, spawning channel, EECO
 57. The network of trails within the park is great and well maintained.
 58. We enjoy it all!
 59. The upper trails
 60. The wide unpaved greenway
 61. I think the playground is great.

62. True nature
63. It's natural features (creek/forest) Keep it dog friendly (on leash of course)
64. Everything
65. We love that this park/trail, although close to several major roads in the cit, still feels as though you are out in the country away from the hustle and bustle of urban life. The wonderful canopy of old cottonwoods and native shrubs along the way, the birds, the various wildlife we've see - racoons, beavers, deer, squirrels - just make this a wonderful place to be without having to travel out of the city to enjoy it. We also appreciate the portable toilets along the trail - pretty darn handy at times!
66. Everything.
67. no suggestions
68. The big trees around the playground
69. The calm vibe, cleanliness, a place of gentle rolling paths.
70. The path, trails, water ways, green space. Such a gem for Kelowna
71. -ECCO Centre facilities and programs. -The path network -continuing goal of expanding greenway.
72. playground, bathrooms, walking/biking trails
73. Free programs for kids especially.
74. Picnic area, playground
75. Everything.
76. All of the trails and plants and paths and trees.
77. I like the combination of wooded trails with family oriented public areas (playground, etc.)
78. All age appropriate
79. I enjoy how the activity is focused to one area and most users are interested in staying in the central entry. This makes the branches of trail away from the central part quieter and peaceful. I would prefer to continue to centralize activity spaces and keep areas away from these spaces quieter and more peaceful.
80. Grassy area for the activities
81. I like the playground, hiking trails and the EECO centre.
82. I would like to see the ecological integrity of the park maintained , at a minimum, or enhanced, preferably. For me, habitat restoration that benefits kokanee salmon is a priority.
83. I quite enjoy the fish spawning season and events surrounding as well as the new playground, seems to be quite the upgrade.
84. Turtle pond
85. I like the trails and bridges and occasional little pavilions, and works of art. I like the places where you cannot see civilization and more wildlife tends to pop-up.
86. I like the fact that there's a playground near the walking trails.
87. We enjoy all aspects of the park. Its a great piece of public infrastructure.
88. different areas that appeal to urban walkers, strollers, joggers, bikers AND more challenging areas for hikers
89. Small trails, Lots of undeveloped space.
90. The ponds. The kids really miss the old swings.
91. EECO!!!!
92. I feel as a group we are mostly happy walking along the Greenway with the exception of cyclists, see next point. During the winter season we would appreciate some more snow removal in order that there are less ice ruts."
93. Everything.
94. The picnic area. The interpretive center.
95. Open access.

WHAT WOULD YOU LIKE TO CHANGE IN THIS PARK?

1. Remove the invasive species taking over the park
2. Add a washroom near the pond...yrar round.
3. no opinion.

4. Make it bigger (wider). More engineered meanders. Better fish habitat in the lower reaches (woody structure, side channels, etc). Larger spawning channel for increase kokanee runs.
5. Unsure
6. Have a covered picnic area closer to playground area.
7. Get rubber surface for whole playground. Upgrade the playground
8. Designate the selected area (easternmost part of the center of the park, South of mission creek, starting at Ziprick rd bridge) as off leash dog area.
9. Add to the playground
10. Interpretive area
11. More side trail development. No closures... Just put up at your own risk signs.
12. ECCO Centre - extend hours
13. parking covered gazebo
14. The useless large octogon kiosk - no useful information, not kept current - make it a 'rain haven' for hikers / cyclists etc.
15. Maybe more play equipment, or updated equipment
16. The older kids need something more. The current is great for young kids. The climbing thing is good for kids 3/4 and up. But something for 8-10 year olds would be good.
17. Add a water fountain
18. More swings on the playground.
19. More benches through out the park. There is no place to sit after the bridge over the salmon stream except at the turtle pond. Also some of the inside looks fun of of water, may need to provide alternate water source
20. No changes just improvements. A fire hydrant ... or anything to improve risk of fire. It is a big concern when I find so many cigarette butt The more people that use it means fewer smokers or campers.
21. More signs and places to sit.
22. Enforce "on leash" for dogs.
23. Asphalt pathway and snowclearing would allow me to use the park more across all seasons
24. It would be great if the greenway at the north end of the park could continue along the creek bank, perhaps on the south side of the creek, to avoid the section that detours through a subdivision.
25. Better enforcement of off leash dogs
26. eliminate bags of dog poo on trails
27. Keep it the way it is now.
28. Integrating a few more interpretative elements that highlight and showcase indigenous species, especially those culturally significant to Okanagan-syilx people, is important. Given First Nations life is very connected to the land, it would be nice to learn more elements of indigenous language and culture. The wayfinding isn't great. I don't know what the bridge names are, so when one is out of service, I have no idea what RDCO is referencing in its news bulletins about closures or changes. Also, when I first moved here, my husband and I first stumbled on the trails via the parking lot off Leckie - and thought the irrigation channel was Mission Creek! (haha, I know. Silly noob Kelownians.) Not everyone goes to EECO or drives all the way to the main entrance to first experience the park. Accessibility is always a challenge in parks, so if it is possible to ensure people in walkers can explore park areas, that's great.
29. Improve dog leash and waste pick-up enforcement More directional signs More set-back dikes to improve and expand riparian areas More benches and picnic tables More washrooms Protection of the heron rookery Perhaps find a way to separate pedestrians from cyclists scooters Improve/expand the donor board
30. I think it's pretty good as is.
31. More programs and geocaches and info about geocache on signs
32. More park benches, better trail maintenance, and better pond maintenance. If those ponds are not better supplied with water, they will disappear and the animal population will suffer
33. Extension of the path on the south side of the creek. Extension of rehabilitation of the creek to it's original path beyond Casarso.

34. Nothing
35. more staff in the park on a daily basis offering pop-up programs and environmental education. more events on the weekends. food trucks would be a great addition as well.
36. A Facility providing bikes and accessible equipment for people of all ages and abilities"
37. Add to the restoration areas. Expand if possible.
38. improve handicapped access to washrooms
39. The shrub area NE of the Durnin Road entrance could be better utilized.
40. more seating and water fountains and more parking
41. We would love if the back trail in the woods (accessed when you enter at Leckie road, cross the bridge, and go left) allowed off leash dogs. This trail almost always has people who are walking dogs and everyone we talk to would love for this area to be off leash. The main walkway before you cross the bridge seems to be used more by people with kids and without dogs. There is currently no off leash dog park within walking distance from our home.
42. Take out espresso huts (like you see in Washington).
43. Can't think of anything.
44. More trash cans
45. 1. Restrict dogs to areas where most of the public activity occurs. In other words, keep a larger part of the park devoted to Nature: protection of plants & birds and other animals (insects, frogs, snakes) 2. Interpretive signage or guided walks that teach and emphasize the importance of all aspects of the ecosystem and why & how we can preserve it - even when the park is surrounded by urban development"
46. Ok as is
47. Dog poop bags being left out.
48. The signage of the trails could be improved to allow people to know which trails go where etc. Maps of the parks at the entrance would be helpful
49. I would like to see more events at the Eco center that are easy to view the details of and register for online. calling over and over to try to get ahold of somebody is frustrating and then only to find out that the event is full. This has happened several times.
50. The only thing that comes to mind is cleaning up the dead trees and fire fuel that is sitting on the ground. Let's do our best to prevent a forest fire that could get out of control.
51. I'd like to see more cycle through ways throughout the park. I wouldn't **MIND A GATHERING** area above the stairs on the way to Hall Road. Sitting area with small playground and swings. Nice for the Hall road people
52. add suspension bridges or walkways up into the trees, like Capilano Tree Top Adventures
53. Better signage on hiking trails, MORE hiking trails especially the narrower ones, add interpretive signage along the hiking trails, more water bottle refill stations, great accessibility along the spawning channel (longer hiking areas off to the side... the trail just peters off). Also more picnic shelters and meeting sites.
54. Nothing comes to mind.
55. Stuff that adults can play too in the playground, we just have to stand and watch
56. Access to up to frost road without stairs to make a loop up I to east kelowna
57. I would like to see the salmon increase in number.
58. More shade in the playground for the scorching hot summer days. Being sun smart.
59. Perhaps a few more benches/picnic areas More nature learning programs for kids and adults
60. Nothing
61. We love to walk the trail but find that cycling it is a bit rough. We would love to see an improvement in the surface of the trail, maybe a covering of crushed granite which would pack and give a smoother hard surface. Please, please don't scrape the trail in the winter as was done a couple of winters ago! It seemed as though a large rake of some kind had been dragged over the trail and all of the gravel and rocks were tumbled up and made walking the trail really hazardous due to all the loosened stones.
62. Nothing.
63. no suggestions
64. Nothing :)

65. Not much. Worried about people and trash I find a bit. Also I am worried about the homeless by myself sometimes.
66. I love the interpretative area inside when the weather is cold and snowy. It's a great place to take kids to learn and play. Roll
67. Not much. I think the RDCO, FOMC, salmon enhancement events and continued efforts by land trust organization to maintain and improve the greenway do a good job. I would hope there will be careful consideration to removing some items presently being on the greenway to add new things. access to better site maps to see where/how far the trails go
68. The EECO centre could use a facelift, make it larger! How about a zip line or something similar for older children in the playground area? A climbing wall? A small science centre would be AWESOME!! *****Extend your nature camps to older kids, not just up to age 8***** Create some Homeschool programs :) We're always taking advantage of businesses who are becoming more open to this kind of thing. (i.e.: Gneiss Climbing, Gymnastix, etc) and there's lots of us in the group
69. Homeschool education group-weekly meeting
70. It would be nice to have the walk between Gerstmar and Ziprick not have to detour to the road. Maybe more attention brought to the xeriscape garden and its benefits.
71. Add more swings, keep taller trees close to the playground for more shade in the summer. I would like if small dogs which can be carried would be allowed inside the eeco. My daughter has very high anxiety and always has her chihuahua with her for support. She hasn't been inside the eeco centre for more than a year because she won't leave her dog. "
72. More picnic tables
73. More event and activities to the general public
74. I would like there to be a designated area for off-lease dogs. Maybe this would make less people have their dogs off-leash when on the trail. Additionally, better wayfinding signage along the trail indicating kilometer markings. As a runner I am always trying to track my distance but am too cheap to invest in a Fitbit to do this. The existing kilometer markers are not very clear, and are easily missed. Additionally, I often see people accessing the creek in areas that look sensitive. I would recommend creating a few designated areas that bring people to the water, strategically placed to encourage access there and limit access elsewhere.
75. I'd love to see a homeschool program that meets during the school day.
76. I don't think I use the park enough to be able to identify something that I dislike and want to see changed. It would be wonderful if at some point in the future, the lower section of the creek could be de-channelized and re-naturalized.
77. I think a more clearly marked path connecting the rest of the greenway through the connected neighbourhood.
78. More interpretative signs with information
79. Not much!
80. Make it more safe to run the trails alone. I recognize that that's probably not feasible, though.
81. Love to see trails on both sides of mission creek, an improved "destination playground" and potentially an easier connection to east Kelowna. It would be cool to connect this trail to the Mara Canyon trail system and the Crawford Trail network.
82. nothing
83. More funding for family activities at Ecco and the fish pond.
84. I've heard that the EECO will be much smaller. This is very disappointing for my family and for friends of ours too. More security and bylaw patrol. Always dogs off leash. Better walking surface on the Greenway. The gravel is like walking on marbles in certain sections.
85. As a walking group our biggest safety concerns are cyclists. Ultimately, a separate biking land would be our ultimate wish. Every day cyclists come speeding by without any warning. Sometimes, quite aggressive and rude. We worry about new e-bikes and heaven forbid e-scooters, being approved and then becoming a common safety issue on the Greenway. We have a couple of members who are older and a couple of members with hearing issues. You will appreciate we are older members of the community and truly enjoy the Greenway but it is always cyclists that cause safety issues and concerns, Cyclists don't seem to be concerned and feel it's their right to ignore, speed by and go around

- pedestrians at speeds beyond what is allowed. I hesitate to suggest that more obvious signage about speed and rules might help but our encounters with individuals have been quite assertive and aggressive. This concern is not a one off, but happens regularly.”
86. Easier access from Durnin Road into the main parking lot. Have a left turn signal put in at Durnin and Springfield. Otherwise like the park as is.
 87. I can't think of anything that I would change.
 88. Increase or improve the edible forest. Adult environmental education programs. Or. Forest bathing for well-being or climate change impact, etc. Interaction with schools for maintenance of park space Trees or something along the Springfield roadside to block view and noise of traffic. Something that would help enjoy the park more. Bathrooms near the Leckie rd entrance...closer to the gazebo and grass area.

SHARE A POSITIVE OR NEGATIVE STORY OF AN EXPERIENCE YOU HAD IN THIS PARK.

1. I was walking along the trails and got lost on the southern side of the park due to the lack of signage on the trails as well as the vast network of braided trails in the area.
2. my dog likes it there.
3. I recently did the Riprap install on the three foot bridges north of Scenic canyon and it was super hard but super rewarding.
4. Not really bad experience, still you have to consider placing bear information on each entrance, or on each set of stairs. The information kiosks are not well kept. One tells me where I am where I go and when I get there I am not sure if I have arrived, because the kiosk there has different kind of information
5. Too many to add here.
6. My first time seeing spawning fish was here.
7. lots of fun too many bugs sometimes
8. Family member was employed for the summer to teach youngsters about the Ecology and the Environment and being good LAND STEWARDS. Teaching awareness of the impacts of Climate Change HERE and how we can adapt to these changes. Remove the fur and fin displays - replace with actual OKANAGAN species at risk and support Greta Thunberg and all other youth who have legitimate concerns about the future of the current unsustainable lifestyle of the citizens of the OKANAGAN.
9. We love this park, I grew up going there and hiking and seeing the turtles and salmon. Love taking my kids there now.
10. My daughter remembers her first eco visit and now we go every week, it is our favourite family time activity! Her favourite is the bees.
11. Saw a beaver swimming in the fishing pond.
12. The people that (inner city dwellers) come up to touch my horse. Many have never been so close to a large animal ... ever. They are amazed, makes me happy. Which reminds me how fabulous it is to have such a remarkable natural environment adjacent to the inner city of what is becoming a major Canadian city. I love how natural it is. I enjoy observing how people move through the park and clearly enjoy it as much as I do. I enjoy learning from visitors (bird watchers for example) and sharing what I've learned.
13. When I first moved to Kelowna, I decided to ride my bike with my cousin there. However since I was new, I had no idea where I was going. We ended up getting lost, but now it's one of my favourite places.
14. Taking the granddaughters fishing at the pond.
15. I saw salmon spawning yesterday which was cool and a first for me and my son.
16. We take our special needs daughter there every year to see the spawning channel during the fish run.
17. I did my first “Walk to Remember” in the park. This is a fundraiser for alzheimer and dementia research/support and I found the experience very moving. I've participated in the walk every year since, wherever it is held in the Okanagan valley, though Mission Creek greenway remains my favorite site.
18. trails are good
19. The night I first heard a Western Screech Owl calling in the Park. Watching Great Blue

- Heron's building nests in the Cottonwood trees;
20. Mission Creek Park is my happy place - where I go to recharge. I always feel better after being here.
 21. I remember when I was invited to become a member of the Friends of Mission Creek Society to help them raise funds to develop Phase 2 of the Greenway. That was in 2004. I am still a member and have been the secretary for the past 13 years. The park/Greenway is such a gem in our community. It has brought access to nature to so many people young and old, has enhanced fish and other critter habitat, has become a transportation path eliminating vehicle travel and has provided a very special place for friends and family to meet and enjoy the great outdoors.
 22. Loved taking my granddaughter there to see the kokanee.
 23. Coming here on a school trip to fish, playing on the playground
 24. My kids, now adults, grew up using this park. We hiked every inch. Swam in the creek. Watched the kokanee spawn. Walked our various dogs. Attended camps. Played on the park equipment. Observed the garden and composting. Saw bear, ducks and turtles. This urban park instilled the love of the outdoors and nature for my children.
 25. I used the park to start rehabilitating myself back to a more active lifestyle. It is a great place to relax and enjoy nature through all seasons. I appreciate easy accessibility, how well the path is maintained and the trees lining the banks of the creek.
 26. I just like being able to go hiking there
 27. we love taking our kids to the EECO centre and going for hikes along the Greenway.
 28. I remember walking along the trail by the spawning channel and a bear was on the other side. Just meandering along and looking for fish not paying attention to humans. It was great to see it unmolested and just out there being a bear.
 29. seeing Barred Owls nesting along Greenway, kokanee in creek
 30. Seeing the children marvel at nature's bounty while on field trips through the park.
 31. we always love riding our bikes and meeting people on this part of the greenway anything outdoors is a positive experience if you let happen!
 32. So like this one time I totally got taken to the Greenway for a walk and I was assured it never rains in Kelowna but like it totally did rain.
 33. Just A nice quiet place to hang out and go for a walk
 34. I enjoy how accessible this park is for families. My children and all their cousins have caught their first fish at the fishing pond.
 35. I would like to see more events at the Eco center that are easy to view the details of and register for online. calling over and over to try to get ahold of somebody is frustrating and then only to find out that the event is full. This has happened several times.
 36. Taking our friends to the park and having them so excited that it's in my back yard!! Taking my kids into the park when they were younger..
 37. I remember working with at risk youth building and reclaiming trails, as well as repairing fences and picking knapweed. That was a fun couple of summers. I met my wife working in that park!
 38. It is always positive when I visit Mission Creek Greenway and park.
 39. I was hiking with a friend along the trail to the turtle pond and I was absolutely delighted when she showed me two hummingbirds zigging and zagging through the air near a large pine tree. I would never have noticed them on my own, and I love hummingbirds. What a delight to see! I also appreciated when she made me smell the tree bark. It smelled like vanilla in the warm sun!
 40. I went finishing with my kids in the fish pond last summer. Unfortunately we didn't catch anything but kids sure enjoyed it. What a great feature to this park.
 41. Had a great experience with my daughter's first field trip (kindergarten) during the kokanee run in 2018. The interpreter was excellent! Was presented so well for the age group.
 42. I love the ponderosa pines and learning about nature. The eco is a great resource.
 43. When we moved into the neighbourhood (Hall road) I had no idea you could ride from our house to the farmers market so easily by going through the park. We discovered this while taking our family on an "explore the neighbourhood" bike ride. We've been biking to the farmers market this way since our kids were 1 and 4! It's such a good way to spend a

Saturday morning in the summer!

44. We spend much time in the park. We are a family of three with a dog and we take great pleasure in walking the trails.
45. Enjoying sharing with our children our love of nature as real as nature can be.
46. My daughter has been visiting the eeco centre since she was five years old and loves it. It has sparked a love of animals and nature that I'm sure will last a lifetime.
47. Visiting the park every fall with family and dog, watching trees change colour in the cool crisp air is refreshing. Love the openness and nature filled atmosphere. My favourite was watching my dog meet a turtle on the pathway for the first time.
48. We have been coming to this park and walking the trail for over 30 years and are just so grateful that it is just a short walk or bike ride from where we live. We have enjoyed the friendliness and knowledge of the ECCO staff and the fantastic displays they have created. When our grandchildren were a bit younger we always took them to the park to scamper around on the various play structures and into the centre to learn about the various flora and fauna in the park - always such fun and so educational. We also have signed upper many Wild Walks and werelucky to meet Nicole who made the walks fun, relaxed and informative. So, we don't have one positive story but a lot of little moments that add up to many years of enjoying this beautiful place!
49. Taking my K/Grade One class in September to watch the Kokenee swim up the creek.
50. Hiking and biking (same trip) with my family up and around. Having a sit by the pond and looking at nature.
51. Roll and stroll with Risti has made such an impact on my life. Spending time in the outside, learning new things at the programs and spending time with other moms. This program is incredible
52. Taking friends from other places to the greenway for biking, walking and hiking and watching their enjoyment of what we have to be a positive experience. Frustration at times with people who do not see the value of the greenway over their personal interests
53. Great dats playing/walking
54. Watching my daughter and husband run a 5k together, as well as walking in the mornings while they 'trained' beforehand.
55. We go to mission creek park several times a week. We often walk to the turtle pond. Once when we were there, so many turtles were out on the logs, that they were piled up on top of one another in areas. The children and adults in our group were amazed and excited to view the turtles so closely.
56. My granddaughters love going to the turtle pond when they come to visit
57. I am 35 and have memories of this park in my life the whole time. From my grandparents taking me, hornets chancing us out, day-camps with friends, hours of hikes with highschool friends, where my husband asked me out the first time and now 100s of hours with our kids creating their own memories.
58. I remember running through the park early Saturday morning, near the end of my jog when a large, angry looking dog, sprinted out of the bushes and onto the trail in front of me with no one around for over 500m. Finally, about 5 minutes later in my run I can hear someone calling for their dog (which I assume is the one that was running in the complete opposite direction). As a person who is terrified of dogs this ruined my entire experience of the trail that day because I was then worried about where did that dog go, what if another dog is off lease and no where near its people. I honestly, have not gone for a run through the park since that day, I have gone in the opposite direction through scenic canyon where I know less people and dog walks are going.
59. Showing my family the salmon spawning
60. We really enjoyed the tour of the spawning salmon which was guided by a park employee.
61. When I first moved to Kelowna, I was feeling very out of place and homesick for my native Vancouver. One spring early spring day I went for a walk in the park east of the Hollywood Road entrance and had my first experience beholding an entire grassland slope of arrowleaf balsamroot, and a short distance away saw cedars and skunk cabbage in a shady, wet spot at the bottom of the creek canyon, which reminded me of the coast. I was amazed that two such distinct biotopes could exist in such close proximity, and this made me excited to explore more of my new home.
62. I havent had a bad experience, lovely place to go as a kid to explore and now relaxing as

an adult.

63. It's beautiful
64. I trained for my second marathon essentially running the greenway and Mission Creek Park always provides a great area for a washroom stop and a little detour across Mission Creek and into the trails. I've run races there, met friends and brought visitors. It is a great place to gather or to be alone.
65. I remember playing with my nephews at the playground and then going for walks with family after. My favourite time was in the snow and my nephew was laughing pretty much the whole time. He was playing in the snow so much that his snowsuit was wet. It was a really fun day with family.
66. My kids really enjoy the playground and the little irrigation ditch beside it. We visit each fall to say hello to the kokanee Salmon which is a big highlight.
67. I've enjoyed the company of many friends hiking various areas of the park, its the perfect place for a quick hour power walk to relax, destress, reload, while the dealership is changing your tires or oil, rather than going for a coffee.
68. Cycle commuting thru the park every day is the highlight of my day.
69. I remember taking my first grandchild now 4yrs for the first time. We were tuned into one another. I listened to her excitement of all the wonders around her and she listened to me explain what we were seeing. When I take her out I ask, 'What should we do today?' She exclaims 'EECO'. (An easy first word to learn). I now have 3 more grandchildren hopefully to enjoy the EECO with!
70. One of our walking members is also into bird watching. We had several lovely experiences this year learning about the different birds that are nesting in and around the Greenway. Very lovely and interesting to people who have lived in larger cities. One of the very positive points of living in the Okanagan,
71. I joined the Tracks walking group and met a lot of new people and was able to take part in the program for a number of years, being able to walk at my own pace. Also enjoyed our leader showing us the different plants to look for along our walks. Watching the salmon run as well up along the creek line.
72. Tones of positive experiences. Last week I sat by the creek to de stress and hear the soothing sounds of running water. I took away all my stress and allowed me to focus on my study's again after a really really hard week. Yesterday I went for a beautiful autumn hike with my girlfriend and enjoy the flacons, eagles, Creek, kokanee, a Pilates woodpecker, the views and general serenity. It was wonderful! We had such a great time!

USER SURVEY FORM

Mission Creek Regional Park User Survey

A project is underway to create a new management plan for Mission Creek Regional Park. The project objective is to define a vision to future development, operations and stewardship of the park for the next twenty years.

The first step is to see how this park is being used right now. We need to know what people really like about the park and what could be improved upon.

Please help us by answering a few quick questions about your typical Mission Creek Regional Park visit.

Where do you live?

select the one that best describes where you reside

☐

in Kelowna

☐

in communities neighbouring Kelowna (West Kelowna, Lake Country, etc)

☐

in other communities in the Okanagan (Vernon, Penticton, Peachland, etc)

☐

outside the Okanagan

RDCO Parks
1450 KLO Road, Kelowna, BC, V1W 3Z4
250-469-6232 | parks@rdco.com
rdco.com



How do you typically get to the park?

select your main mode of transportation

☐

by car

☐

by motorcycle

☐

by transit

☐

by bicycle

☐

by foot

Where do you typically enter the park?

select your main access point

☐

Main Parking Lot (Durnin Road at Springfield Road)

☐

Main Parking Lot (Leckie Road at Springfield Road)

☐

Ziprick Road Parking Lot off of Springfield Road

☐

Gerstmar Road Parking Lot

☐

Mission Creek Greenway

☐

Hall Road

☐

Other _____

What activities do you do in the park?

please select up to 3 items

☐ attend events

☐ relax

☐ attend programs

☐ visit the Environmental Education Centre

☐ birdwatch

☐ walk

☐ cycle

☐ walk a dog

☐ fish

☐ yoga

☐ geocache

☐ other _____

☐ hike

☐ meditate

☐ meet with friends or family

☐ picnic

☐ playground

☐ play games or activities on the grass

☐ run

Where is your favourite area of the park?

mark the location of your favourite activity



Why is this your favourite area?

What would you like to change in this park?

What would you like to keep the same in this park?

Share a positive or negative story of an experience you had in this park.

This is an example of a story. "I remember when my Dad took me fishing for the first time at the Mission Creek Fishing Pond. I learned introductory skill and techniques of how to catch fish and appreciate nature that has had a lasting impression on my life. I hope when I have kids I can provide them with the same experience."

APPENDIX F: STAKEHOLDER INPUT

STAKEHOLDER CONSULTATION PROCESS

A stakeholder meeting was held in September of 2019 to gain an understanding of how each of the stakeholders use the park and to identify current and future opportunities and challenges for the park.

Stakeholder were asked to respond to the following questions:

1. How are you using the park today?
2. What do you see as your biggest untapped opportunity?
3. What do you see as your biggest challenge?
4. What do you see changing over the next 20 years?
5. How does this change impact the park?
6. What is required to support these changes & impacts?

Nine stakeholders were represented in the meeting. Three additional stakeholders sent their input via email.

SUMMARY OF INPUT

GO Fish Program is run at Hall Road Pond. Hall Road Pond is a rare wheel-chair accessible pond. Through fishing they teach kids and their families the value of spending time outdoors and in green space. Their mandate is to make fishing accessible to people who do not have the means to get out into the back country. Water quality and fish habitat improvements would be very beneficial. They have fish-pond building expertise within their organization. The impact of climate change is being felt in the Hall Road Pond - the fish stocking window is shifting to earlier in the spring. Parking may be a problem at this location in the future.

- Mission Creek Greenway is the backbone of Kelowna Active Transportation network.
- Maintaining and improving access to the Mission Creek Greenway as population increases (congestion on Springfield will be a problem).
- Year around access is desirable but requires asphalt for low maintenance snow removal
- Park will transition from a regional to a local park as the surrounding area becomes more densely populated.
- Install a pedestrian bridge over Mission Creek at Gerstmar Road and upgrade Soopollalie Trail on which there exist heritage sites (fish ladder, old boy scout camp).
- Desire for park to become part of the school system.
- Establish an outdoor teaching protocol within the district school system.
- Identified a need for more benches, picnic tables and washrooms, as well as improved interpretative signage.
- As the population grows, the park may be loved to death.
- Require more or longer spawning channels
- Identified climate change as one of the biggest challenges moving forward

<ul style="list-style-type: none"> • Focus on conservation, nature education and outdoor recreation. • Club uses the greenway to access by foot the great birding areas further up the greenway • Members walk in the park - Hall Road Pond has potential as birding area • Considering offering an Introduction to Birding workshops through the EECO in this park. • Critical of existing trail network since there are too many trails and concerned that the growing population will lead to even more trails and overcrowding. • Prefer if bikes did not have access to all trails • Concerns for wildlife habitat as the climate changes
<ul style="list-style-type: none"> • Focus on improving ecosystem connectivity, ecological restoration and education on connectivity • Interested in supporting the sockeye, chinook and coho salmon populations returning to the creek (D.F.O will likely become more involved in this area too). • Concerned about meeting environmental flow needs in the face of climate change and providing spawning grounds for anadromous salmon.
<ul style="list-style-type: none"> • Focus on flood protection measures for the creek • The increased number of flood events associated with climate change creates more public interest and political will for restoration projects which can benefit the environment and create more recreational opportunities
<ul style="list-style-type: none"> • Focus on offering outdoor activities with adaptive equipment to people with disabilities. • Mission Creek Regional Park is the hub that they run their activities out of. They store their equipment in a building on site. They would like a building better suited to the kind of equipment they store and would be interested in offering equipment rentals to the public out of this building. A facility at the Leckie/Springfield entrance would suit them. • Improve safety by creating a drop-off/pick-up location for a handyDART inside the park • Require the park to remain as natural as possible and continue to support wildlife since they are using it to provide people with disabilities access to a nature experience. • Adding more washrooms is a priority • Hold educational training events at the EECO
<ul style="list-style-type: none"> • Publicly accessibility meeting space in the EECO • Mission Creek Greenway is an example of successful conservation project arrived at through partnerships • Preserving land for wildlife - need to grow the size of the park • Local government can achieve more through supporting community funding initiatives • To achieve long-term sustainability as parks face financial pressures as the population grows, attitudes, commitment and political are required to maintain programs and community plans (ie. endowment funds) • By-law enforcement funding is very important
<ul style="list-style-type: none"> • Park's easy access and plentiful amenities make it a popular destination • Green lawn serves as a group fitness area • Park draws walkers and runners year round • Location of many year-end school field trips • Valuable pit-stop for greenway traffic • One to two large picnic shelters to be used as a meeting place and a programming area • More washrooms and water fountains needed • Improve wayfinding with 'you are here' signs • Introduce more spawning viewing areas • Create more opportunities for interpretative walks • An off-leash dog area is worth consideration
<p>kokanee spawning habitat must be conserved and public knowledge and awareness of environmental values increased.</p>
<p>The park has the potential to be a teaching tool for the community for climate change effects in our area. Climate change will impact fish and wildlife habitat in the park and reduce wildlife viewing opportunities. A means of providing up-to-date information on changes to the park (month to month, year to year) is essential.</p>
<p>The route of the power lines that go through the park will likely not change in the next twenty years. However, some structures may need to be replaced in this time. Access to poles on the power line and brush clearances of at least 6m from conductors must be maintained. Work within 5m of a conductor will require giving notice to Fortis and the following of proper procedures. Fortis asks that park groups be understanding of their brush cutting along the power lines since it is a necessary safety precaution.</p>

APPENDIX G: DRAFT CONCEPT PUBLIC FEEDBACK

SUMMARY OF COMMENTS

An Online Feedback Survey for Mission Creek Park was live from December 2, 2019 to January 6, 2020. There were 63 submissions of the survey. The proposed improvements to the park were described by area and survey participants were invited to comment.

A few types of comments showed up for multiple areas of the park, these included:

- a desire to open trails to mountain bikes
- a desire to keep the park natural, preserve habitat and undertake conservation efforts
- an interest in nature-based play structures

See the summary of the online feedback per area in the sections below.

1. EAST PARK REDESIGN

Participants were positive about suggested improvements to the park's accessibility which included the new Regional Park Accessibility Resource Centre, the handiDART stop and the extension of the paved pathway from the playground.

The proposed mountain bike trail through the cottonwoods for the early rider was very popular but not universally supported among participants. It received 17 comments for and 8 comments against. Three of these comments indicated that a cottonwood ecosystem was an inappropriate location for such an activity. Some participants would rather this program was moved to Sutherland Hills. One participant requested more than one trail through the Cottonwoods.

Since most participants perceive there to be no parking shortage in this park at present, the majority of comments pertaining to parking were not in favour of the expansion. There were 12 comments against and 3 comments for expanding parking in this area. One participant explicitly stated that it was not worth paving a natural area to create parking for a few big events a year. There were a few participants that acknowledged a need for more parking at this location.

Positively received proposed improvements included the:

- removal of the shrubby islands from the expanded lawn area
- protection and restoration of the cottonwood ecosystem
- natural obstacle course in the dry stream bed
- expanded lawn area
- native forest buffer
- floodplain interpretative area
- bookable outdoor plaza

The idea of adding another picnic shelter, more picnic tables and replacing/relocating the existing bookable picnic shelter generated detailed feedback. Parents require the picnic shelter to be within sight of the playground. The proposed location for the relocated picnic shelter does not have a sight-line to the playground. Participants are in favour of an additional picnic shelter in this area. One participant would prefer if all picnic structures were concentrated in the expanded lawn area.

There was a mild and mixed response to the proposed event space. A few participants responded favourably to this idea while a few others thought it would disrupt the quiet natural experience the park is loved for.

There was a request for more bike racks in the East Park area.

2. GATHERING AND EDUCATION PLACE

The idea of creating an outdoor space in this location that supports indigenous programming was largely supported. However, some comments indicated a desire for this park to maintain its focus on environmental education. One participant suggested that EECO was missing from the management plan and that a new, state-of-the-art nature centre/classroom for all ages should be considered.

The management plan proposed that the Food Forest garden area be redeveloped for outdoor education. This proposal was widely misunderstood to mean that the current gardens in this location would be improved. This yielded comments that ranged from the need for a community garden, the irrelevance of food forest gardens and a suggestion that it would be of value to demonstrate native plant propagation in this location.

3. COTTONWOODS CONSERVATION AREA

The proposal to remove trail access to this area and designate this a conservation area was very well received. Only one participant suggested that this ecosystem was not special enough to warrant protection.

Participants want the chance to be as close to these trees and birding area as conservation will allow. One birder recommended birding signage on the bird viewing platform that will overlook this conservation area from Sutherland Hills.

Creating a plan to remove invasive species from this area was suggested in one comment. Two participants were concerned about homeless camps being established in this area once foot traffic is removed.

One participant hoped that the dike in this area would be removed to allow the creek to flow naturally.

4. SUTHERLAND HILLS RESTORATION AREA

Participants left comments in support of wildlife viewing platforms, restoration and habitat protection, and decommissioning trails. Although all suggestions for the reuse of Cabin #2 received some positive comments, the most common desire is that it should be used for education and as a bookable meeting space.

There were requests for:

- circuit training stations in this area to support the running clubs that frequent these trails, these could be made of natural materials
- the removal of old signage posts
- limiting the number of new structures
- invasive species education and management

5. HALL ROAD PARKING AREA

There was a strong positive response to the proposed development of this area. Participants stated explicitly that they were in favour of the parking and washrooms. In reaction to the proposed water fountain, a participant requested a dog drinking fountain too. Offering shelter from the sun in this hottest part of the park will be valuable.

One participant suggested creating a visual/noise barrier to shield nearby residents from activities in this area, especially if this becomes a popular access point for school buses. One participant did not like the idea of increasing traffic to this neighbourhood.

6. FISHING POND IMPROVEMENTS

The response to the proposed improvements for the fishing pond was positive. One participant suggested posting a sign at the pond that indicates one must be 15 or under to fish.

One of the proposed improvements was to designate the existing informal parking spots at the pond as accessible parking only. Participants seemed open to this as long as this occurred after the Hall Road Parking area was developed and that there is parking for school buses in the new lot.

A participant from C.R.I.S. requested that accessibility for all is kept in mind when improving this area. Barriers that prevent adaptive outdoor programs from viewing pond life should be removed.

7. UPLANDS WALKING AREA

Participants were in favour of the proposed improvements which included: improving wayfinding, decommissioning trails and installing some benches. There were numerous requests to allow mountain biking in this part of the park. One participant requested this area be made more accessible in the winter.

8. STREAMSIDE WALKING LOOP & CLIFFSIDE EROSION CONTROL AREA

The proposed improvements to these areas did not generate a strong response from the public. When commenting on the spawning channel, participants supported restoration, more kokanee viewing areas, barriers that keep dogs out and creek access for wildlife like bears. Most but not all participants were in favour of decommissioning cliffside trails as part of the solution for stabilizing the cliffside slope. One participant suggested a streamside broadwalk as a way of protecting habitat.

9. NEW GREENWAY CONNECTION

Participants fully support the proposed Greenway connection across a new Gerstmar bridge and through the park. One participant raised a concern about parking at this new access point to the park.

10. OFF-LEASH DOG TRAIL

Participants comments were for and against this off-leash dog trail at a ratio of 4 to 1. Even amongst supporters for this use, there were calls for educating owners, monitoring and enforcing dog behaviour, and ensuring the safety of wildlife. The creation of an access point to the creek for dogs was suggested as a way of mitigating damage to creekside vegetation. A composting poop program might be popular here.

11. KOKANEE CONSERVATION AREA

Although people like this wilder part of the park, they support the decommissioning of the trail in this area because they want to preserve kokanee spawning habitat. There are concerns that this will become a homeless camp.

12. TRAIL & CIRCULATION PLAN

The response to the proposed new trail hierarchy, improved wayfinding and trail etiquette signage was positive. As for the improving the four-season use of the popular walking loop between kokanee and Cottonwoods bridges, a suggestion was made that sanding the trail might be more successful than improving drainage.

ALL COMMENTS

1. EAST PARK REDESIGN

WHAT DO YOU LIKE MOST ABOUT THIS PROPOSED DESIGN?

1. There are many positives about the proposed design but if I choose the concept I like the most I would say #13 because it shows what has been happening over time with the creek bed and vegetation
2. 3 expanded parking
3. Early Riders Mountain Bike Trails!
4. Cottonwoods Restoration Area
5. Bookable ourdou plaza with covered shelter Replaced existing picnic shelter and expanded lawn area for an additional 1380 sq. m. (14800 sq. ft.) of flexible recreational space. new bridge to connect at gesmart
6. Cottonwoods restoration area, Native forest buffer
7. Accessible. Bookable plaza
8. Bookable outdoor space
9. Resource Centre
10. Floodplain interpretation area. And obstacle course sounds like fun.
11. More room/amenities for the public
12. More picnic space and covered space for events is a nice addition to the design.
13. Nature obstacle course. Fun idea! Accessibility initiatives
14. I generally like the design. It expands upon the parks' visibility from Springfield Road and strikes a balance of natural areas as well as usable developed space.
15. new mountain bike trails- there aren't many easy trail (esp close to town) for beginners and kids to ride
16. 11, nature obstacle course sounds like a neat thing for kids
17. Dry streambed with natural obstacle course
18. Bookable outdoor plaza with covered shelter and picnic lawn. Great ideas!
19. Public spaces for picnics, etc.
20. Bookable event space

21. 1,8,9,10, 15, 6
22. 15 early riders mountain bike trails. The city is lacking spots for new riders to hone their skills
23. fishing pond improvements
24. Inclusivity will the park be disabled accessible?
25. Early riders trails!
26. Accessibility items
27. 15. Early riders mountain bike trails 11. Dry streambed with nature obstacle course 3. Expanded parking area -restoration of cottonwoods and continued plantings!
28. - the new footpaths and decommissioning of irrelevant ones - development of unused eastern floodplain - addition of novice MTB trails - keeping a native forest buffer
29. Floodplain interpretive area @ natural streambed
30. the mountain biking program
31. I like the nature obstacle course and early Mtb trails.
32. Youth bicycle track. The fact that it is sheltered from the sun is amazing for young kids and parents. Success of this will be keeping dogs out of the trails.
33. 15
34. Mtn bike trails!
35. Beginner trail for young mountain bikers
36. More mountainbiking for kids
37. Accessibility inclusions
38. Ensuring that there is a space for youth to learn mountain bike skills so they're able to improve incrementally in a safe, accessible environment.
39. Proposed protection and restoration of the remnant cottonwood ecosystem.
40. 7 & 8 - Great amenities to include in Mission Creek.
41. Extra parking facilities (long overdue). I also like the diversity of the area - you seem to have included a balance between accessibility, environmental concerns and practical places for meeting. I'm not sure what the early rider area is designed for?
42. nature based obstacle course, replacement of picnic shelter, and additional picnic tables and shelters
43. It's great!!
44. Extension of the Greenway on the south side to Gertsmar and the new bridge. Also like the wayfinding signing.
45. The outdoor plaza and picnic shelter. The HandiDart drop-off is a good idea
46. The expanded lawn area (getting rid of those weird shrub islands) and another picnic shelter is fantastic.
47. The design provides better accessibility, including the accessibility resource centre
48. Getting rid of those scrub brush islands. What kind of trees are you planting?
49. Early mountain bike trails
50. 14 and 15
51. Early riders mountain bike trail
52. Delineation of trails and removal of secondary trails.
53. Interpretive area
54. Accessible Spaces

WHAT DO YOU LIKE LEAST ABOUT THIS PROPOSED DESIGN?

1. no washrooms
2. No areas for future flood waters being considered.
3. Nothing
4. Expanded parking area. More people should take the bus or bike.
5. No mountain biking consideration
6. Nothing particular
7. Construction cost
8. mountain bike trails
9. Nothing, all improvements are needed! N/A

10. Mixing early riders mountain bike trails with cottonwood restoration.
11. Expanded lawn - with how common drought is in Kelowna, we should be moving away from water-intensive lawns
12. 3, extra parking. I've almost never seen this lot full...but I guess "the future"...
13. With event space in the middle and being used by a group feels like people not part of an event group wouldn't feel comfortable to use the features to the east of the picnic area.
14. Nothing
15. all good elements for better use of this end of the park, and reduces pressure on other parts of the park.
16. I would put a bit of a barrier between 9 and 12 . Would keep the native plants and shrubs from possible damage
17. Re doing the public picnic shelter
18. Nothing, looks awesome.
19. Nothing
20. Can't provide too much criticism. This looks like a well-thought out design plan, and great use of spaces needed.
21. - the new picnic area does not have sight-lines to the playground! instead of relocating, maybe have 2 picnic areas? - even with proposed growth in traffic to the park, the redesign includes far too much parking, nearly doubling the available capacity. As it is currently, the parking lot rarely comes close to capacity. Additionally, that space could be better used for something else that draws people to the park using alternative modes of transport. I would rather see a bus loop, bike parking, or a small biking skills park. - This park, and many parks in Kelowna, suffer from not having reliable bicycle parking. It costs next to nothing to add a few bike racks in good visible locations to the redesign.
22. expanded lawn area (would it be better to plant with native grasses?)
23. none
24. Expanding parking and natural plant area... isn't the park natural plants?
25. It just may not be illustrated, but the open space directly along the busy road is a concern. Specifically for children. Berms are ok for sound buffer, but fencing along a major road and open play or passive space is a must.
26. More parking. A good community plan with proper integration should incorporate public transportation, encourage alternatives and ride sharing.
27. Parking expansion. There's plenty in the area.
28. Expanded parking
29. Seems like a lot of parking for an area that's often under-parked. Most will still try to park to the west where most of the Park's destinations are located.
30. Early Riders Mountain Bike Trails
31. 15 - This is not an appropriate place for mountain biking.
32. It seems that a lot of this space is for low activity functions (general walking and observing) low on the aerobic front.
33. Nothing stands out.
34. I did not see a new washroom in the design.
35. Why on earth are you adding parking? The east lot is empty 99% of the time - it's only ever full a few days of the year when there's a big event. DO NOT CUT DOWN TREES AND PAVE THIS NATURAL AREA!!
36. mountain bike trails
37. Expanded parking area is destroying a lot of bird and small animal habitat.
38. Picnic area and covered shelter are no longer within eyesight of the kids playground. Parents will have to leave the event to take the kids to the park, that doesn't seem to promote a gathering/community area. There are a ton of kids birthdays and family get togethers that are celebrated at the park because the playground is in close vicinity to the covered picnic tables. What else is possible with providing kid entertainment without pulling adults away from the event to take care of kids?
39. 3- although necessary
40. Nothing
41. new picnic shelter in event area needs to be a raised amphitheatre to match needs for events; redundant to have 2nd large picnic shelter.

42. Additional parking takes away open park spaces
43. No picnic tables

PLEASE SHARE ANY OTHER COMMENTS YOU HAVE ABOUT THE EAST PARK REDESIGN.

1. I wonder whether we need so much paved parking?
2. This plan mentions floodplains, natural areas, cottonwood restoration but needs to seriously consider climate change
3. Will you clean up some dead tree felt in that area
4. Include biking trails and service stand to display the trails
5. the Cottonwoods restoration area (14) and the early riders mountain bike trails (15) are not compatible uses. Cottonwoods are typically a higher hazard tree as they will drop branches in lower wind conditions. Putting young riders on trails amongst these trees may not be safe.
6. Not sure what the regional parks accessibility resource centre is?
7. People should welcome equestrians
8. Tell me more about 7 - the Regional Parks Accessibility Resource Center. As a Staff member at CRIS Adaptive Adventures, responsible for equipment, one of our challenges is our current storage space is at/over capacity. How does this facility, and its HandDart drop off point relate to our current facility where we operate programs from. Would we be moving to this location? working out of both? or anticipate bringing our gear from existing over to the new location to meet clients? Clients need a place to store their urban mobility aids while out on a program with us.
9. Hopefully it will be more than one mountain bike trail
10. Good job you guys!
11. Creating nature obstacles/ natural park structures, etc such as the Discovery Park in Penticton would be a welcome change to the developed playground.. Perhaps incorporating more 'nature' based play structures would be a nice touch in this space/around the park...
12. none
13. It's great to redesign the park, it sounds great. However, if single people don't feel safe due to bums sleeping and living there it's a waste of money. I was there with an elementary school event last year and was very scared for my safety at 3:30 in the afternoon. Maybe surveillance on the trails or rangers in the park would be more beneficial.
14. Absolutely any chance to include signage educating the public on an important ecosystem design should be used all over the park. Signage that is small and immediately next to the thing of interest grabs peoples attention. Once the public knows or understands how important something is in nature they then become stewards.
15. Public event space is great but most people head to parks to escape the noise and bustle, turning public park space in to party venues seems more about revenue for vendors and hotels than threading together a strong community.
16. Mountain bike trails (even if they are intended for young users) through a remnant cottonwood ecosystem that is proposed for restoration and protection seems counter productive. There is no guarantee that riders will remain on trails and increasing use in this area creates opportunity for further impacts to the understory of this area. These cottonwood ecosystems often contain many dying or dead large cottonwoods that can become not only significant wildlife trees, but also danger trees. Increasing human use in the area could then lead to managing (removing) danger trees. Instead of managing people we start managing and removing the trees for human safety reasons which results in loss of potentially significant habitat features and further impacts to the area proposed for restoration.
17. What trails are being used and for what purpose?
18. more shaded areas around playground, more washrooms, more day-use amenities, like water receptacles, etc.
19. I also like the interpretative flood plain.
20. East Park is quieter than West Park - there's less going on, it's peaceful, tranquil. Activity spaces like a plaza and event lawn do not belong here. Keep that activity on the westside where it belongs.
21. Not in favor of mountain bike trails anywhere in the park. They never stay on the trails, ruin everything. Just look at the mess on Knox Mtn.

22. Include adult obstacle course or fitness area. Kids aren't the only ones who like to play!
23. I feel it is important to keep the area as natural as possible as our native vegetation and animals that rely on it have an increasingly difficult time negotiating the urban sprawl. Lawn and hardscaping should be used sparingly.
24. Having one of those outdoor gyms in this park would be amazing!!! (Like the one at parkinson rec center)
25. Historic irrigation channel information panels of past purpose and what different components are present/were needed and are now gone. Current purpose?
26. How about adding an accessible play area for children who use wheel chairs and other adaptive equipment.

2. GATHERING AND EDUCATION PLACE

1. Improved mobility or circulation on the south side and a cultural node with First Nations programming.
2. Improving circulation on the south side of the EECO building is a necessity in that area
3. sounds good
4. I like the idea of the gathering place
5. Eeco building is beautiful and should be utilized as much as possible.
6. I would love to see the EECO sell some small food or drink items. After a busy afternoon on the trail, we get hungry!
7. Glad to see a cultural node to acknowledge all parks are on unceded syilx territory.
8. i have nothing negative to say
9. Highly support all of these initiatives. Covered outdoor gathering place- capacity? Food forest needs more visibility
10. Education regarding equestrian activities would benefit the general public. Horse Council BC, and Back Country Horsemen BC have great info and contacts. Make it truly inclusive and accessible. I've seen some improvements to metal bridges, making them horse-friendly. Awesome!
11. looking forward to the inclusion of First Nations programming.
12. Improvements look good
13. Only to ensure riparian development. To ensure kokanee & habitat
14. More natural play structures would be so great for the Mission Creek Park / this area of the park. Improved signage for garden? Community garden?
15. I like the inclusion of First Nations programming at the cultural node.
16. The programs are amazing and so worthwhile!! More outdoor learning class areas
17. I don't think food forests are anything more than a superficial aesthetic. They aren't an efficient use of agricultural real estate or techniques and attract pests. Contrary to belief, they aren't accessible to everyone either. A community garden with educational components is great, but perhaps even an area dedicated to native plant propagation is more relevant.
18. More involvement with indigenous people is greatly needed. As well as education about them and the region.
19. Love all of it
20. All sound like good initiatives.
21. Seems reasonable
22. I'm pleased to hear that the Food Forest will be improved. I like this area.
23. improvements sound great and well-needed
24. Supportive. I was a big user of the programming when I taught.
25. I love all of this! Please relocate the event plaza and event lawn from East Park here too, and it's perfect. :)
26. Looks good!
27. Don't we have enough first nations programming already? Next we'll have homeless drug addict sensitivity training.
28. Great!

29. Environmental education focussing on our unique Okanagan ecosystem is critical to creating a community that is connected to nature and this place. Recreation activities should build on and tie into education and it not the other way around. Local government plays a pivotal role in providing this within the community. Care and attention needs to be paid to the EECO, which seems to be overlooked in this management plan. First Nation education and a place for that is a bonus, but not at the expense of naturalist programming in the EECO. The two should support each other. Equal weight should apply to creating a new, state-of-the-art nature centre/classroom for all ages.
30. Love the idea of more education of native plants n first nations history
31. Food Forest Garden area neat idea, but current Composting area by Cabin #1 suffers from increasing lack of volunteer interest and parks staff now needing to maintain. New Garden needs to outline required maintenance and resources required to keep it sustainable and not a food source to park wildlife.
32. An Indigenous influenced gathering place set within the educational garden area.

3. COTTONWOODS CONSERVATION AREA

1. I like the idea of returning as much of the original vegetation as possible (ie. decommissioning unnecessary trails)
2. I like the ideas related to increasing options in the area for people to enjoy such as a 'kids bike path, greater accessibility for those people with mobility challenges and an accessibility resource centre.
3. great plan
4. Love this!
5. Can you clean up some red trees felt on the ground .
6. very good
7. Make sure there are interpretative signs
8. Sorry to see so many little trails decommissioned, they are fun to explore. What about the big vacant lot? Can that be utilized?
9. yes, protect these trees
10. Great to see that some areas are decommissioned for the sake of the habitat.
11. Great conservation idea. Glad to see some trails decommissioned.
12. Having ran through here a lot at night, it is a camping area for the homeless, and would need to be managed
13. Supportive. Appropriate signage needed to restrict usage
14. This should really help bird life.
15. Great idea
16. Will the dyke be removed in this area, to allow a more natural stream flow, flood protection? Curious, in favour of fauna diversity, may be challenging to keep people and nefarious activities ie encampments out of there.
17. I would put up signage to ensure that people stay on the recommended trails and not damaging the area
18. Good idea they are native. What is their value to the ecosystem
19. Great plan!
20. I approve of the proposal.
21. I think this is excellent. Remnants like this must be preserved for the day when they can be allowed to spread to adjacent properties and eventually connect with one another.
22. Good
23. I think this is important.
24. If there is a way to allow closer access while protecting the trees that would be better
25. Great ideas
26. Great.
27. This is good, but the same conservation is needed at the east end of the park too.
28. Very important
29. One of the trails (along fence) is very narrow with many root growth outcroppings - dangerous for walking. Hopefully the other trails are being kept because they are brilliant.
30. Looks fine to me

31. Looks good.
32. It's really not as special as you think. Take out the rotting trees and branches and leave the trails as they are.
33. There are times of the day where the birds are so lively in that area. They zoom around and call in the cottonwoods like their own private home from the rest of the forest. Is it possible to have bird watching info at the platform?
34. Good plan. Invasive species need to be considered and actively removed as well.
35. Thumbs up
36. Boundaries need physical delineation (ie. fencing), as encroachments from neighbouring properties into this area have been an issue.
37. Pathway surface is bumpy for bikes, smooth wide rolling surface for those with mobility challenges and for bike would be ideal would also allow for year round use and snow clearing.

4. SUTHERLAND HILLS RESTORATION AREA

1. great plan
2. Cabin #2 is a park asset that could see expanded programming and use. Proposed options for use include: Outdoor education programs will be needed to be able to bring some group of student with a first nation bloc because the new curriculum in Bc is plenty of first nations subject. If school groups can come (and paid a reasonable fees) it will be a great assess for this area.
3. Love wildlife viewing
4. Enhance winter use for snowshoeing
5. I like rotating native and natural art, including art from local kids.
6. Looks good!
7. Big potential here for school groups, natural interpretation. Improve safety and accessibility at the turtle pond. Have interpretative equipment available at this site 24-7 for self led discovery such as pond net, magnify glass etc.
8. Invasive species education and control should be a big priority.
9. Cabin 2 ideas are good except office space
10. This area of the park has taken a beating, between extra trails, more users, including mountain bikers, removal of beetle damaged trees, a favourite of mine as a kid back in the late 70's 80s excited to see the restoration, and seeing the wildlife invigorated to thrive again here.
11. Great idea to protect the wildlife
12. Looking forward to the fishing pond improvements!
13. None habitat preservation is essential
14. Super ideas and plans
15. Improved signage to Turtle Pond and trail area would be great as well.
16. I think a wildlife viewing platform at the turtle pond is unnecessary. I would like to see Cabin #2 used to invigorate park traffic. Make it a bookable meeting space, with the option to reserve it for outdoor education programs, art programs, etc.
17. In general, I like it. When walking there I saw several old structures that looked unsafe, and trails that were confusing and difficult to follow. Is the Turtle Pond Island big enough for a viewing platform?
18. More outdoor ed facilities!!
19. I have the same comments about small educational signage throughout the trails and park. Instead of only large info kiosks, spreading out the signage so the public can take in small bits of info is an adventure.
20. The more structures you build the more it seems like a museum than a nature park. Avoid if possible.
21. No need to decommission trails. Keep it Interesting.
22. The upper trails area should permit cross country mountain bike use. Wayfinding, trail designation and etiquette information signage can be employed to ensure safe shared use of the area.
23. I like all these proposed improvements.
24. Very important to reduce informal trails, and signpost, so impact is diminished
25. Definition of redundant? Turtle protection is imperative.
26. sounds perfect

27. Supportive of habitat enhancement and protection.
28. Wildlife viewing platforms are a great for watching birds and wildlife
29. Offering a First Nations art residency is an AWESOME idea!! Seriously love that
30. About time. The ponds are being loved to death.
31. More first nations, seriously? Scrap that idea and use the space for education and meeting / rest areas.
32. Better signage to fishing pond and turtle pond. Little benches for people to enjoy the forest or exercise on that make a running/walking/nature circuit with interval exercises e.g. tricep push ups, step or jump ups, etc. The benches could be no backs and made of wood. With the running club coming through the forest on Sundays, an interval circuit could get a lot of use.
33. Bikes need to be removed from accessing this part of the park. Water needs to be managed better in the Turtle Pond.
34. Great ideas
35. Tree top viewing platforms would be exciting.

5. HALL ROAD PARKING AREA

1. Regarding #5 and #6 I have heard that a number of people have mentioned that clearer designator signs for paths and destination indicators would be helpful, especially on the trail area around Sutherland Hills and the fish pond
2. never been up to this area
3. I do not know that section of Mission creek park but it will be better with all the proposed improvements planned.
4. Bad idea. this creates a lot of traffic for that neighborhood. Plus parks are to be outside and enjoy Nature. People can bike or walk there.
5. Never a fan of investing in more parking, but probably necessary and great that it is accessible
6. Trail signs showing what trails are for what. ie people vs bikes.
7. Much needed
8. YES! More drinking fountains are needed along the trail. I would love to see more installed along the route
9. I love this area of the park, glad to see a little development.
10. I like the idea of creating a public parking space at this end of the park. It will be much better for fishing programs and enable park users to access the Sutherland Hills trails without going through the Springfield area.
11. Needs much better signage and direction in the hall road area. Drinking fountain would be great
12. Horse trailer parking
13. Like these ideas
14. a necessary requirement no doubt. Can school buses turn around in there? if that is a potential user group? Getting along with the residential neighbours so there is a noise /visual buffer for them would be good if applicable.
15. Not a big area for all that
16. 👍👍👍👍👍
17. Great idea!
18. I find the addition of this parking lot to be acceptable, unlike the the one at the Springfield entrance. I would also suggest a small bike rack be implemented at this location.
19. I like this. This part of the park currently seems little-known and underutilized.
20. Great
21. More feet less wheels
22. Great plan
23. Excellent.
24. Like it.
25. I like all these ideas.
26. Like it
27. Overdue for parking. This could alleviate the parking at the main entrance.
28. sounds perfect
29. Don't access the park from that side.
30. Washrooms would be good close to the parking lot.
31. I'm not as familiar with this area of the park, and how many trees/vegetation is in this location. Generally I'm not in favour of taking away greenspace for parking, but having an additional entrance with parking would be beneficial
32. Good

33. There is a lot of cleared / disturbed land in that area south of the ponds that can be redeveloped as you suggest. It has little habitat value otherwise.
34. Dog drinking fountain too. This is one of the hottest areas in the park with little or no trees. Parking is great but people are more likely to picnic over by the fishing pond. There is a definite period of time where no one is on the trails during the hot times of the day except over by the fishing pond. Which has a picnic table ... with a portapotty right next to it. I don't know how people can eat smelling that especially when in summer. Please move it further away from where people eat and hang out.

6. FISHING POND IMPROVEMENTS

1. never been to the fishing pond ,but love the idea of teaching kids to fish .a lost art
2. All the proposed improvements will be good for the development of that area.
3. Please check more often. Lots of adults are fishing. To much infrastructure takes away from the nature experience
4. Looks good!
5. a fish viewing window in one of the docks would be an awesome addition
6. Control Algae blooms in the pond. Provide a larger picnic area for school groups etc.
7. No comments
8. This is a popular area for our adaptive programs to come visit, even if they are not fishing, but viewing the pond life up close. Trust that improvement will be of a universal design to remove barriers to access.
9. I would install signage for the nature trails
10. No to fishing stocks are too low. Herons habitat to keep them out of the koi ponds
11. The parking change only makes sense if the new Hall Road parking lot happens, too.
12. More fishing programs offered!
13. Great program
14. Great! too much algae now...
15. Like it.
16. Great ideas.
17. sounds perfect
18. Good. Now I understand why the Hall Road parking lot is becoming more important.
19. Sounds good.
20. Sounds good. Will there be parking for the school buses at the proposed new parking area?
21. Designate with signage that the pond as available for fishing by those only 15yrs and under.

7. UPLANDS WALKING AREA

1. great
2. I névralgique been walking there because I do not know what it has there. Wayfinding signage will be an asset for that area.
3. Yes to benches. Will make all the difference to those a little less able
4. Again, enhance winter use
5. Better signage is needed in this area and it would be helpful to have more maps along the trail with distances included for loops
6. signage with distances
7. Signs could be visible at heights when mounted on horses and ponies.
8. Love the benches to encourage wide demographic use, with the elderly coming to front of mind first. Even as a quiet places of reflection, therapy if you will.
9. There are some good trails in this area that could be youth mountain bike trails
10. No comment
11. I am supportive. Currently there is too much fragmentation due to redundant trails. When I visited I took the wrong turn even when using the GPS map from the RDCO website.
12. biking trail?
13. Good

14. Again, cross country mountain biking should be permitted/facilitated. There is a great loop in this area that takes advantage of the perimeter trails and short single track sections in the area of the ponds. Riding should be permitted. These types of trails are unique to the area and allow youth and inexperienced riders to learn the basics of mountain biking without having to climb significant hills or face overly challenging trails. In addition, the trails are accessible for urban residents by bike.
15. I walk this area regularly, and benches will be nice.
16. Signage very important
17. Decommissioned trail goes to private land ... correct?
18. sounds perfect
19. Really like the wayfinding plan.
20. Benches in this area would be lovely
21. Way too many trails in this area. Good to see some are being decommissioned. Signs will help. But I question the need for more benches.
22. But getting lost and disoriented is half the fun! I'd say fewer the signs the better.
23. Awesome, feel like I already commented on this.
24. Remove bike access to this part of the park.
25. The signage is awesome. Just telling a friend yesterday who was visiting from out of town that the park is lacking signage. Both in forms of large signs with images of the whole park including trail names, lengths and difficulties but also smaller signs at trail junctions indicating distance till next way point!
26. rotten retaining wall in need of urgent attention, as this currently-closed trail causes an eyesore and reduced flow for a busy, important node in the park.
27. keep as natural as possible

8. STREAMSIDE WALKING LOOP & CLIFFSIDE EROSION CONTROL AREA

1. I really like the idea of doing whatever is possible to improve changes for fish survival. I understand that Mission Creek would be a major salmon stream spawning area. Should more Sockeye salmon be reintroduced to the area and Okanagan Lake
2. not sure about this area
3. It need to create more educational opportunities, spawning channel improvements including viewing platforms for the walking loop.
4. Better signage and information for these would also be appreciated.
5. The loop sounds great for new walkers, etc.
6. it would be nice to keep connectivity through the park like the trail that got wiped out by the land slide did.
7. Significant work is needed to keep dogs and people out of the spawning channel to protect kokanee - education, signage, fencing and enforcement
8. No comment
9. Fencing yes.
10. 👍👍👍
11. The kokanee are a great attraction, so I know you will take good care of them. Hopefully, the slope reinforcement will look natural.
12. Good
13. Great!
14. I like all these improvements.
15. Decommissioned trail mentioned here is a mistake ... well worthy of walking /hiking
16. All good.
17. The fencing makes me a bit nervous. Yes, we need to protect the spawning channel from use, but not to the detriment of access for the animals in the area like bears, etc.
18. I'll miss some of the trails proposed for decommissioning but it's all for the best. The eroding cliffs are a problem.
19. That's great but the bigger problem are idiots letting their big dogs romp around in the channel regardless of the signage and attempts at education. Just amazing how many morons use this park. We need stream wardens!

20. Off leash dog walking area is a great idea!
21. Need to provide more fish-viewing areas so that the vegetation can be restored along the creek to be more natural. Paved viewing area should be removed and returned to native vegetation. Fish viewing isn't good there anyway. Interpretive trail would help with education when park staff is not available. Bears accessing the creek for salmon should have priority over people access.
22. Love
23. Cliffside erosion does need serious attention, or trails in this area need to be raised boardwalks or decommissioned altogether.

9. NEW GREENWAY CONNECTION

1. 10 & 11 The inclusion of the Gerstmar Bridge I really support because it a) gets people off the public road thus b) safer, neighbours happier c) helps develop the trail on the south side - a very useful pathway to explore the south side.
2. great
3. Potential for floodplain restoration?
4. The main thing would be like planned : Enabling park access with a new Gerstmar Bridge over Mission Creek and Trail resurfacing with gravel to meet existing Greenway trail standard
5. Noooo, a dirt path feels more like nature than a gravel road
6. Great idea
7. Great idea - prioritize
8. I'm surprised the municipality doesn't have legal right to the foreshore, 7.5m from the high water. The path is there on the dike, just remove a fence panel.
9. Yay!!
10. Where are people going to park for this access? Too residential in my opinion unless you provide a dedicated parking lot.
11. This is long overdue. As a user of this portion of the trail, I have never liked it as it takes away from the purpose of trail running and enjoyment of nature
1. Yes! I've been lost before because of this odd street part of the Greenway.
2. This is one of the best ideas of the plan! Keeping the Greenway in the park and taking it off a city street should have been done long ago!
3. this would be a major improvement for connectivity and improve the overall experience of the greenway
4. Would be awesome! Strongly supportive of having another crossing and that trail having a connection instead of a dead end
5. Think about Greenway connections and loop trails, including equestrian, for Black Mountain. If you want to do a loop trail here you have to walk on Hwy 33. All of our DCCs went to trails in the mission.
6. Yes please
7. I like it.
8. None
9. This is a wonderful plan. Nice to be able to ride and walk NOT on the road.
10. Great idea!
11. Full support
12. I suppose it's too expensive to acquire all of the creekside lots along Creekside Road? I like the idea of a new bridge at Gerstmar. Gerstmar Park is great.
13. This section is sketchy with homeless people. Make it safer
14. Excellent.
15. I love the idea of the Gerstmar bridge.
16. Excellent plan to stay in park, not on residential street
17. this should be priority.
18. Really like this. Will be nice to get the Greenway off the road.
19. I live in the area and would make use of the bridge to walk or bike ride along the new greenway trail.
20. Yay for a bridge at Gerstmar!!! This will give us more opportunities to explore trails

21. This area of the trail is a hidden gem since so few people use it. This proposal will open it to many more people but getting them off the roads is a great idea.
22. I think that is a grand idea!
23. Love that there is a bridge going in and the trail on the other side is being developed! These trails provide access to the mountain bike park and a fantastic ride from the lake up into the greenway past the MTB park. It would be nice to eventually have a commuters bike trail separate from pedestrian trails. Did you know you can bike from the Myra Canyon Trestles to the Lake and only ride 100m of road? Myra Canyon Trestle trail (June Springs Rd end) to Myra Canyon Bailout, to Angel Springs, bike up McCulloch Rd to the Greenway park entrance and follow it until you hit Creekside on Lakeshore Rd. Best trail in Kelowna and so diverse!
24. So excited for this connection!!!! A bridge farther down (at the swimming spot) at the end of foot trail that takes you past the old boy scouts camp would be nice as well.
25. Love it. Sorely needed.
26. Shared multi-use path could use a paved asphalt rolling path for all year use and use from folks with diverse abilities and people on bikes.
27. Love the New Gerstmar Bridge

10. OFF-LEASH DOG TRAIL

1. great
2. It is a good planned to add an off-leash trail entry gate at the new Gerstmar Bridge crossing
3. dogs don't like to walk on gravel, otherwise great idea
4. YES YES YES please. We desperately need more such areas in Kelowna. Responsible dog owners are chronically underserved in Kelowna
5. OK
6. Yay, love dog parks
7. What!!! So many many people already walk their dogs off leash. And not all under control. There should be a lots of bags - hasn't been lately... plus more garbage cans on the whole trail. I see so much dog poop that has not been picked up but had not seen any bags provided so that may have been part of the problem. Also people have picked up but bags left. There should be a lot more receptacles for the garbage. I walk my dog on his leash & tired of other dogs already off leash.
8. Most people have there dogs off leash there anyway.. We need Kelowna to be more dog friendly. I hate taking my dog to a dog park, I would love it if we had a section to walk and leave our dogs off leash
9. Yes please!
10. While I absolutely love bringing my dog along the trail for a run, he isn't friendly though and must stay on his leash. If there were to be an off-leash section, I would no longer be able to bring him as other dogs off-leash would pose a problem for him. This is a tough decision as I know other dog owners would appreciate it, but not every dog is friendly. I would be opposed to this, but only for my own personal reasons and my dog's safety.
11. Hooray! Looking forward to this trial.
12. Do you plan to fence off the creek so dogs can't go in it? We need a dog off leash walking area but if they go in the creek that will impact valuable spawning areas
13. This is great but I'm not sure why it would need gravel resurfacing as I think it's fine the way it is! More projects like this would be much appreciated!
14. I think an off leash dog area is much needed and is a great idea. I don't think it needs to have gravel added though as this area is fine the way it is and very easy to walk on. Additional off leash areas in the future would be even better, as Kelowna has very limited areas for dogs to be able to go off leash for long distances.
15. This is one of the only quiet places in the park, and I hope that trail would stay somewhat narrow and not increase in width too much
16. This area of the park is such a nice, low use area, it'd be a shame for it to be basically unused by those who don't want to run into crazy dogs jumping on them. Seems far too large and wild, and how do you keep dogs out of the creek (ie: escaping down creek while off leash)? How do you keep them out of the woods behind?

17. Would the off leash park be fenced? Supportive if this reduces off leash violations in the rest of the park,
18. Why would you resurface with gravel? It looks un natural and ugly. Keep it as it is- natural. Is that not the point of a park? To keep it natural? A gate is pointless too. Does that not interfere with the natural habitat that is already in the park? Coyotes, deer and other wildlife. Just leave that trail as is. Let the dogs be off leash. It would be nice to have more off leash dogs TRAILS in this town. As there is NONE. An off leash caged dog park is not considered a dog trail.
19. Would be nice to have off leash past Hollywood Road and between Scenic Canyon as there are several good swim areas for dogs.
20. Like
21. Yes I support this
22. one geological area of concern will be the SE end of the dog park, the stream is actively eroding this bank. you may see changes to the stream flow in the future here, and there are safety concerns with the public access to this point along the creek, where it is currently challenging to get to, and therefore the public is not exposed as much to the risks here.
23. Signage to remind folks to pick up after their pets
24. Yes people need off leash areas in the city. Dog dropping areas garbage drops
25. Good idea!!
26. Resurfacing might damage the sense of being in the wilderness on this part of the trail, but it's for the best. People already don't leash their dogs on this part of the trail.
27. Against! This is a popular area dogs should be on leash
28. Off leash on the trail should not be permitted. Children do not deserve to be scared and have to get out of the way of running dogs. I love dogs, they don't belong off leash on busy public trails. Or any public park or trail.
29. Good idea!
30. We should do everything possible to facilitate a healthy environment for animals while discouraging people from thinking that bringing high maintenance high energy long ranging animals into an urban environment is a good idea for the animals.
31. More off leash areas for Kelowna is a good idea
32. This 'out and back' trail is a fantastic mountain bike ride. Riding should be permitted.
33. I don't have a dog, but I walk this trail and new gravel will be very nice.
34. Don't support; will encourage unwanted off-leash everywhere
35. Dog trail should be monitored carefully for improper use; remember if you can't enforce it it will be misused as is in Mission Creek Phase II.
36. for sure. it is a great idea to have a portion of the park for off-leash dog activities and walking.
37. My dog will be so happy.
38. Nice to have more off leash trails for dogs.
39. I would probably explore this with my dog if it was built. We live in the area, and the only off-leash dog park close by is Enterprise (by City of Kelowna) and it's terrible - smack dab in an industrial area. No one is ever there, so my dog doesn't have anyone to play with. This would be nice. I'm sure it will be controversial though. Good luck with the discussion :)
40. Really a gem. I don't really support thr off-leash dog use of this part of the park.
41. Think that might reduce the off leash dog walkers in the rest of the park? All the dog owners in the neighborhood would appreciate an off leash area. Will you get rid of the cottonwoods in this area? The sticky seed pods are hell on dog paws.
42. Yay!
43. Ensure access points to the creek are available to protect vegetation and allow dogs access to water during hot summers. Extend length as much as possible (ideally back to bridge at Ziprick, on separate path from Greenway Trail) so it is a worthwhile area to come to exercise dogs. Add a composting poop program and provide and promote use of compostable bags to minimize use of plastic bags.
44. Soooooo beyond excited to finally see kelowna providing the dogs with a place to freely explore and enjoy a nature walk. Always so sad taking my dogs on a walk and having to make sure they are attached to me at all times. Dogs do everything we want. Go out when we want. Stay in when we want. Its nice to let them enjoy their lives a bit!!!! Very excited about this. Also suggest partial leash trails in the future. Ontario trails have a policy that dogs only have to be leashed when others are around so essentially treating a leash like high beams on a car. When ppl get

close, put the leash on. Far away or all alone on a trail, let them enjoy freely. (I do know some trails are on leash because they don't want pets disrupting the plant life near the trails of they dont stay on trial so i know there are different factors to consider)

45. Concerns for safety of wildlife addressed already for this area? Dog owners need to be made clearly aware they are responsible for their dog's behaviour and any resulting injuries/near misses.
46. Yes, yes, yes!

11. KOKANEE CONSERVATION AREA

1. great
2. Good planning to make existing trail decommissioned and the area designated off-limits to park users.
3. very good
4. Good idea
5. Great to do if it will help minimize human impact!
6. There are well known and used swim holes in the creek near this area.
7. I would be so sad to see this part of the trail go. It is one of the only places where you can find actual solitude in rutland and it accesses one of the best swimming holes around. I'd suggest creating this into an actual trail rather than just getting rid of it. people will continue to access the swimming whole even if it considered a conservation area.
8. Critical to support conservation of kokanee
9. Like
10. I always support closures to protect habitat
11. If i understand this area correctly, just upstream of the furthest south point of this land area is a popular summer swimming spot. Is the plan to limit access on the east side of the bank to this area because of this activity?
12. Great idea
13. Agree
14. I am supportive. A former resident of the neighbourhood told me there is a popular swimming hole down that way. I think protecting the fish is more important, but I also think some people will ignore the signs.
15. Good
16. I understand the need. Too bad, it's part of the nice 'out and back' trail.
17. Good
18. Yes. Very supportive. More fish.
19. go idea to preserve kokanee spawning area
20. OK
21. Too bad we'll lose it for hiking but the kokanee need help. What about the homeless people in the area?
22. I thought that fish just stayed in the water. Never seen a trail fish but I haven't been to that area yet.
23. Do what you gotta do
24. Support the decommissioning.
25. Awesome
26. I concur.

12. TRAIL & CIRCULATION PLAN

1. I really like these ideas for trails and circulation
2. the greenway should be 4 season from Eco center to KLO ,not looked after enough in winter
3. That will be very important to educate visitors on shared multi-use trail etiquette using signage, which will help to reduce conflicts between pedestrians and cyclists and reinforce the picking of dog poop (fine given by bylaw officer in the trail)
4. less compacted granular surface, more natural surface. It's a nature park not a city park

5. Make sure cyclists keep to reasonable speed
6. sounds good!
7. I would love to see more water fountains along the trail. As well as clearly marked sides for bikes and walkers. Signage is great, but marked on the trail itself would be even better.
8. Looks good!
9. The four season loop should be paved so it can be accessible to wheelchairs and can be plowed in the winter. I'd also like to see some sort of linkage to the Okanagan Rail Trail
10. really would hate to see the end of the trail out to the swimming whole near the dirt jump park gone.
11. Pedestrians, cyclists, and equestrians
12. No comment
13. Parking lot at Hollywood Rd is not shown.
14. Very good
15. Yes, Yes, Yes!!
16. Excellent plan. The park certainly can support a 4-season trail use plan.... If snowfall accumulates and is consistent for a part of the winter, it would be great to utilize part of the greenway for cross country skiing -if possible/ or allow individuals to 'blaze' their own trail if conditions permit. Perhaps wishful thinking...
17. Benches are good, but don't forget to add washrooms at all extreme points of the park. Not everyone will make it back to the parking lot in time!
18. Good
19. Don't put gravel on the trails. Is awful to cycle and walk on.
20. Wayfinding, trail designation, etiquette/trail head signage is very important in busy nature parks. Ensure mountain bikes (cross country riding) are permitted on some or all single track trails.
21. All these ideas are great
22. Don't allow bikes on walking trails, just main Greenway
23. Remember, what makes Mission Creek unique are many of the smaller trails which are used for walking and running. The service roads are not trails and as such produce little or no character for running so the more smaller trails available the better.
24. Looks fantastic
25. Are you talking about interpretive signs on the trails? That's what I assume when I hear "nature trail".
26. Ice is a really big problem. It gets so packed down you need a sanding truck to make it safe. Drainage is not the answer here.
27. Love it
28. Love everything about this!!! More signage with Trail names Distances Difficulty Excited for the bridge
29. Pave the greenway main trail.
30. Extend the 4 - Season walking loop to include the off-leash area from Gerstmar bridge.

COMMENT FORM

Mission Creek Regional Park - Open House Feedback Form

The Regional District is currently developing a new management plan for Mission Creek Regional Park.

The park management plan will provide a vision for the future development, operations and stewardship of the park for the next 20 years.

During the first phase of this project, public and park stakeholders were consulted to determine the direction the park should take over the next few decades. Environmental and cultural assessments along with an inventory of park assets were completed.

The synthesis of all gathered information resulted in a vision statement which will be used to guide future decisions for Mission Creek Regional Park.

Vision Statement

Mission Creek Regional Park is a natural sanctuary in the heart of the Central Okanagan, a historical gathering place that connects people with nature, culture, outdoor recreation, and community while conserving the unique ecological values of our region. The park showcases a commitment towards the protection of ecological spaces, the delivery of nature education and interpretation programs, and places for outdoor experiences. This is an inclusive and accessible place where current and future generations of people will gather.

Development Concept Plan



At this stage of the project, the public and park stakeholders are being asked for feedback on development concepts proposed for Mission Creek Regional Park shown above.

Please consider the proposed park improvements highlighted in the pages below and share any comments you have about them.

RDCO Parks
1450 KLO Road, Kelowna, BC, V1W 3Z4
250-469-6232 | parks@rdco.com
rdco.com/planourparks



1 East Park Redesign

To improve park safety and accommodate the region's growing population, a portion of the park that is adjacent to Springfield and east of the EECO and playground will begin to be developed in 2020.

The following features are proposed in the redesign of this area:

- Expanded parking (47 regular and 4 shuttle bus/RV parking spots plus one HandiDART drop off)
- Accessible public washrooms
- New Regional Parks Accessibility Resource Centre to provide program opportunities to support inclusive accessibility in parks (e.g. partnership with Community Recreation Initiatives Society (CRIS), other not for profit groups, and the public).
- Bookable public outdoor event space including covered seating, plaza, picnic shelter and large lawn
- Resurfaced pathway connection from parking lot to Greenway
- An interpretative floodplain area with nature obstacle course
- Cottonwood management area with trails for early rider mountain biking programs
- Additional picnic tables and shelters
- Replaced existing picnic shelter and expanded lawn area for an additional 1380 sq. m. (14800 sq. ft.) of flexible recreational space



- | | | |
|---------------------------------------|--|---|
| ① Expanded lawn area | ⑥ HandiDART dropoff & shelter | ⑪ Dry streambed with nature obstacle course |
| ② Replaced & relocated picnic shelter | ⑦ Regional Parks Accessibility Resource Centre | ⑫ Native shrub & grass plantings |
| ③ Expanded parking area | ⑧ Bookable outdoor plaza with covered shelter | ⑬ Floodplain interpretive area |
| ④ Native forest buffer | ⑨ Event/picnic lawn | ⑭ Cottonwoods restoration area |
| ⑤ Existing bus stop | ⑩ New picnic shelter | ⑮ Early riders mountain bike trails |

What do you like most about this proposed design?

What do you like least about this proposed design?

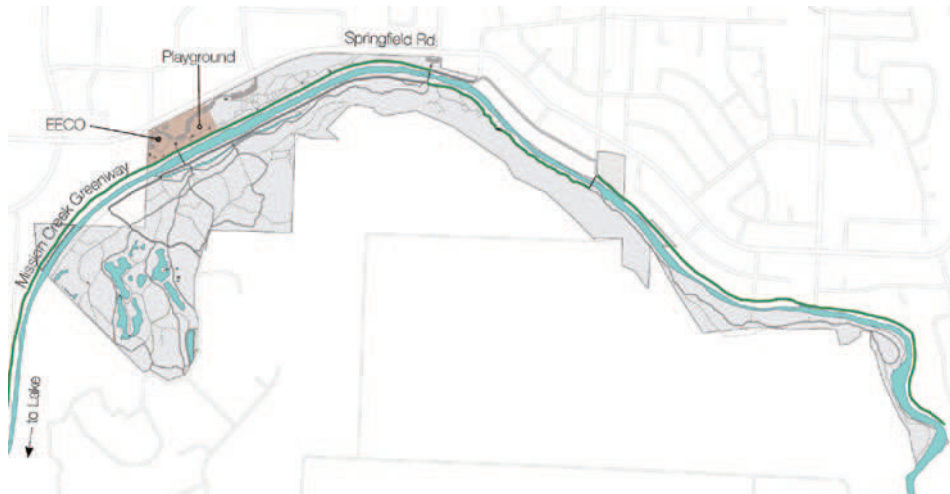
Please share any other comments you have about the East Park Redesign:

2 Gathering & Education Place

This area includes the Environmental Education Centre for the Okanagan (EECO) and the playground.

To continue to provide programs and activities that support nature and culture education in an outdoor environment, the following improvements are proposed for this area:

- Creating a cultural node with First Nations programming
- Building a covered outdoor gathering place
- Improving circulation on the south side of the EECO building
- Redeveloping the Food Forest garden area for outdoor education



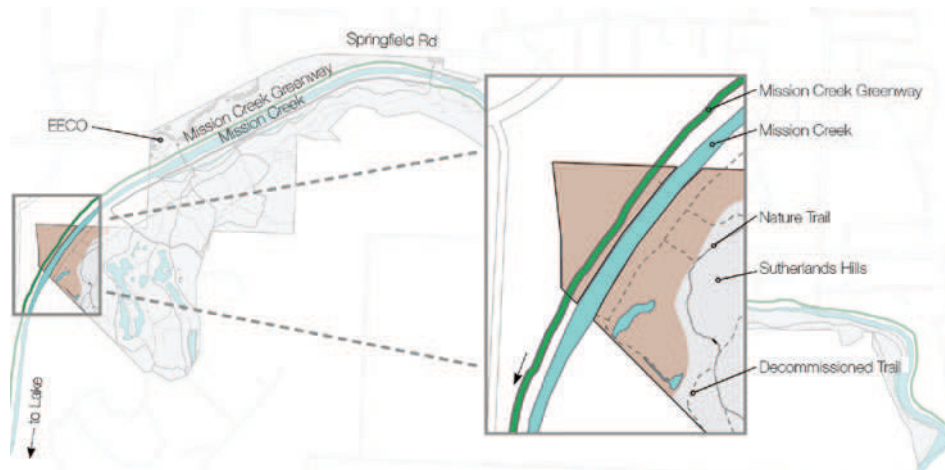
Please share any comments you have about the proposed improvements to this part of the park.

3 Cottonwood Conservation Area

The patch of cottonwood trees found in this area is one of the few remaining examples of the native Mission Creek floodplain ecosystem.

To conserve this ecosystem for future nature interpretation and preserve its native habitat value, trails in this area will be decommissioned and restoration initiatives will be employed.

A viewing platform in the adjacent Sutherland Hills area of the park will allow park users to appreciate this cottonwood forest remnant without impacting this special ecosystem.



Please share any comments you have about the proposed improvements to this part of the park.

4 Sutherland Hills Restoration

To provide wildlife viewing opportunities for visitors while protecting the sensitive and beautiful ecosystems in this part of the park, Sutherland Hills will be treated as a restoration area.

Proposed improvements to this area include:

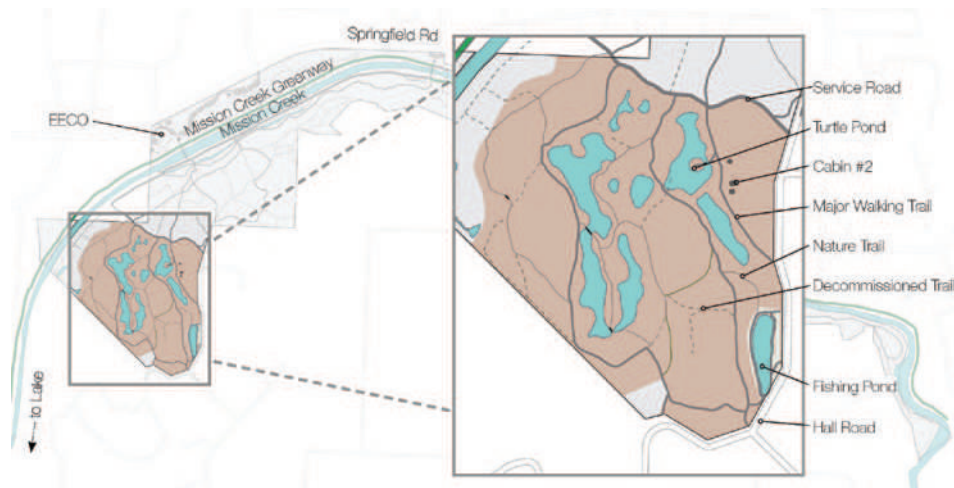
- Enhancing habitat for existing wildlife
- Enabling respectful wildlife viewing in sensitive natural areas by providing viewing platforms and constructing access barriers of natural materials
- Managing invasive plant species
- Decommissioning of some redundant trails

Turtle Pond is a popular destination for both walkers and education programs seeking to view turtles and other wildlife in the park. To maintain this area, the following improvements are proposed:

- Replacing the bridge to the island
- Installing a wildlife viewing platform
- Enhancing pond habitat

Cabin #2 is a park asset that could see expanded programming and use. Proposed options for use include:

- Outdoor education programs
- Community meeting space
- First Nations & nature-based art residency
- Auxiliary office space

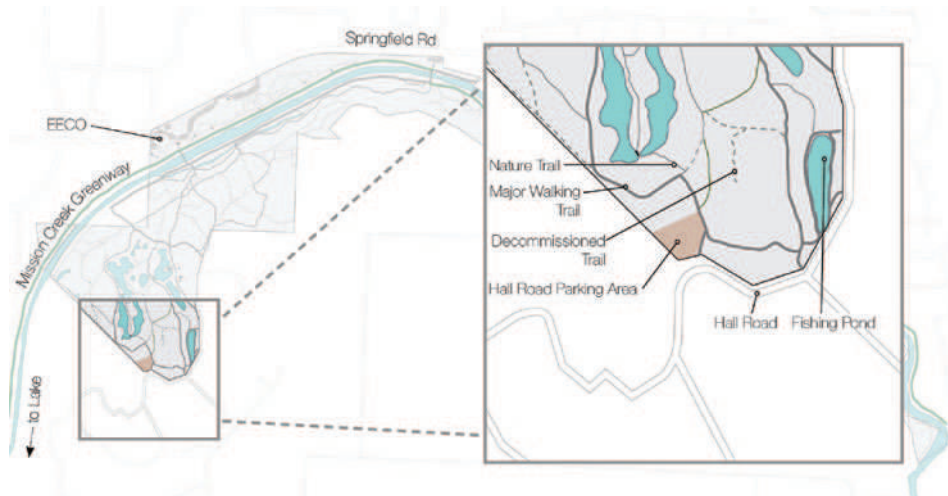


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5 Hall Road Parking Area

To facilitate access to the south part of the park, a parking area off of Hall Road is proposed. The following amenities are planned:

- Parking lot
- Picnic shelter
- Accessible washroom
- Drinking fountain
- Vehicle entrance gate



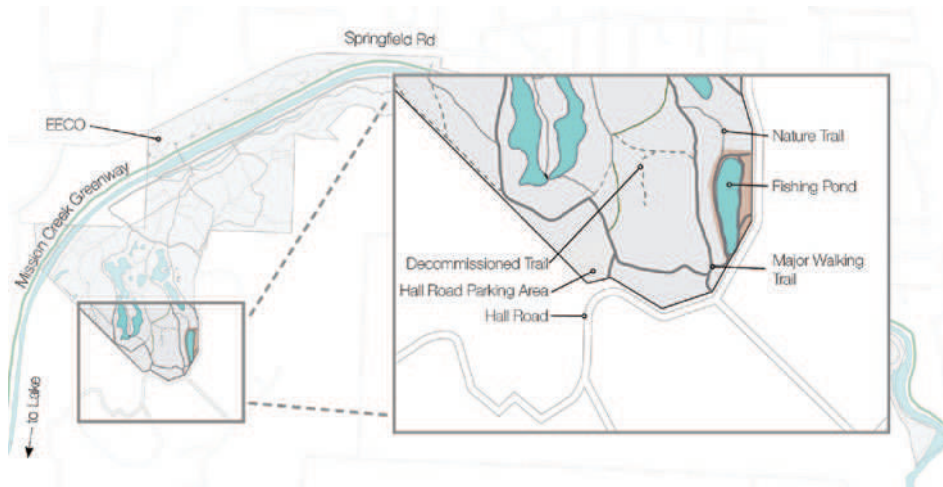
Please share any comments you have about the proposed improvements to this part of the park.

6 Fishing Pond Improvements

To support the popular GO Fish and Learn to Fish programs the following improvements to the Hall Road Fishing Pond are proposed:

- Improving a presentation area at road-level for education programs
- Installing two fishing platforms to provide children easier access to the pond to fish
- Improving water quality and water quantity by securing a well-water source for the pond
- Managing pond vegetation

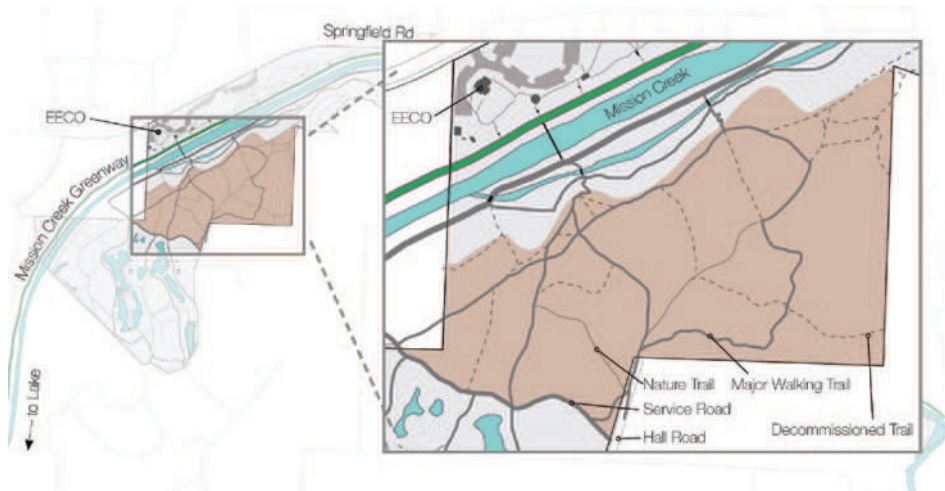
To promote access for all to quality nature experiences, the existing parking at the pond will be formally designated as accessible parking only.



Please share any comments you have about the proposed improvements to this part of the park.

7

To facilitate use of this area of the park, wayfinding signage will be improved and benches placed at strategic locations.



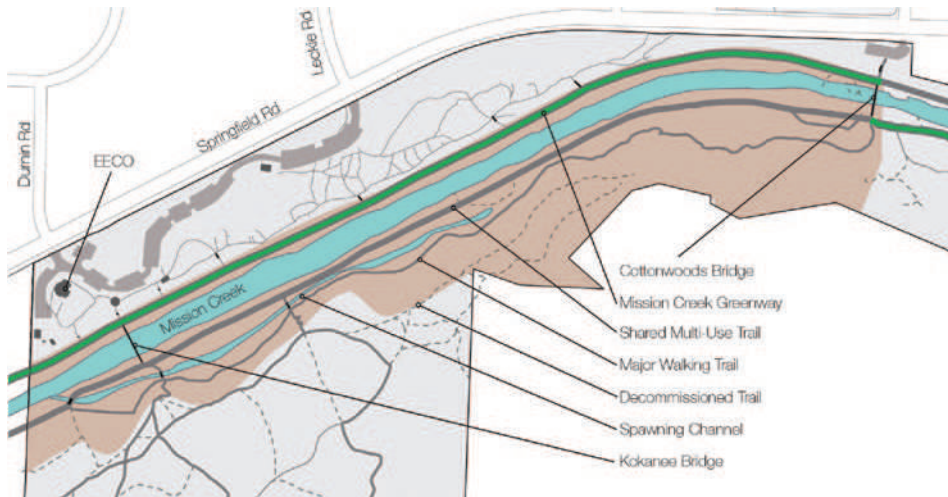
Please share any comments you have about the proposed improvements to this part of the park.

[illegible]

8

To create more educational opportunities, spawning channel improvements including viewing platforms, fencing and Kokanee salmon habitat enhancements are proposed.

To protect the spawning channel and stream-side trail, restoration work to reinforce the existing land slide area will be completed.



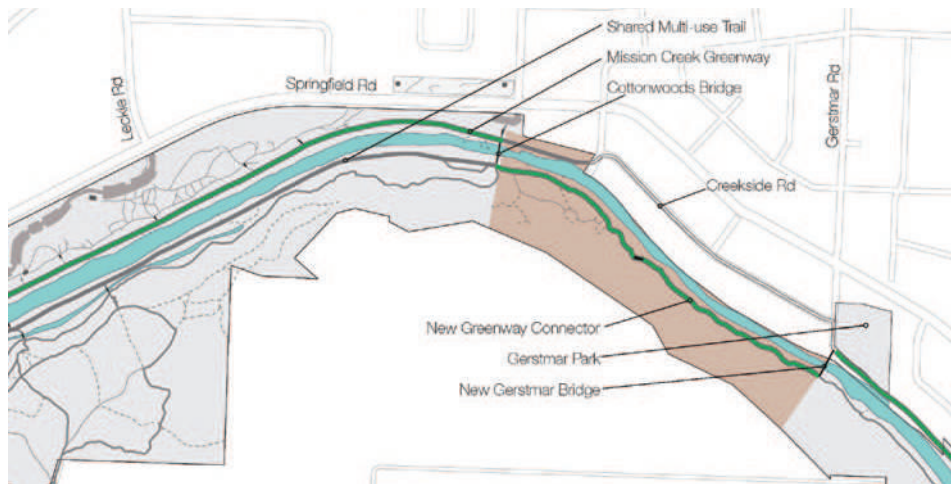
Please share any comments you have about the proposed improvements to this part of the park.

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10 New Greenway Connection

Currently a portion of the Greenway runs along a residential street, Creekside Road, between Graham and Gerstmar Roads. To enable a Greenway connection through the park as an alternative to the current connection along Creekside Road, the following improvements are proposed:

- Enabling park access with a new Gerstmar Bridge over Mission Creek
- Trail resurfacing with gravel to meet existing Greenway trail standard



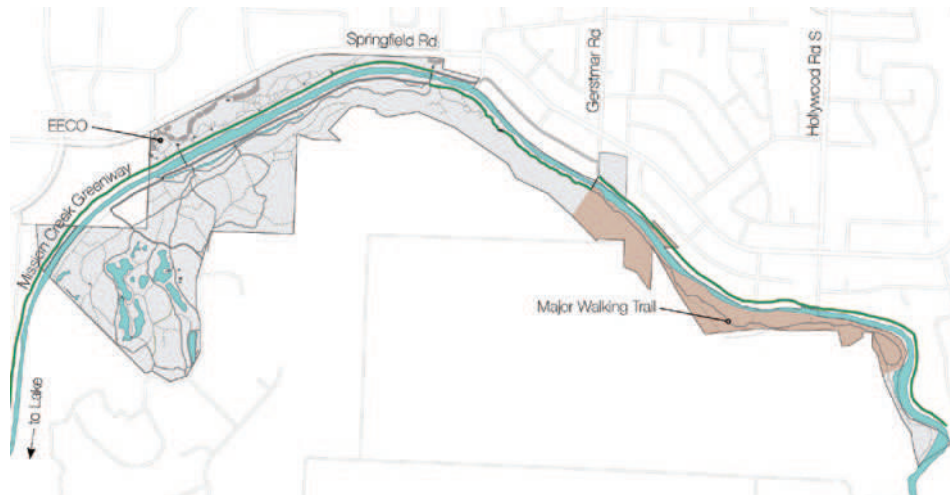
Please share any comments you have about the proposed improvements to this part of the park.

11 Off-leash Dog Trail

A pilot off-leash dog trail in this part of the park will be trialled.

Proposed changes include:

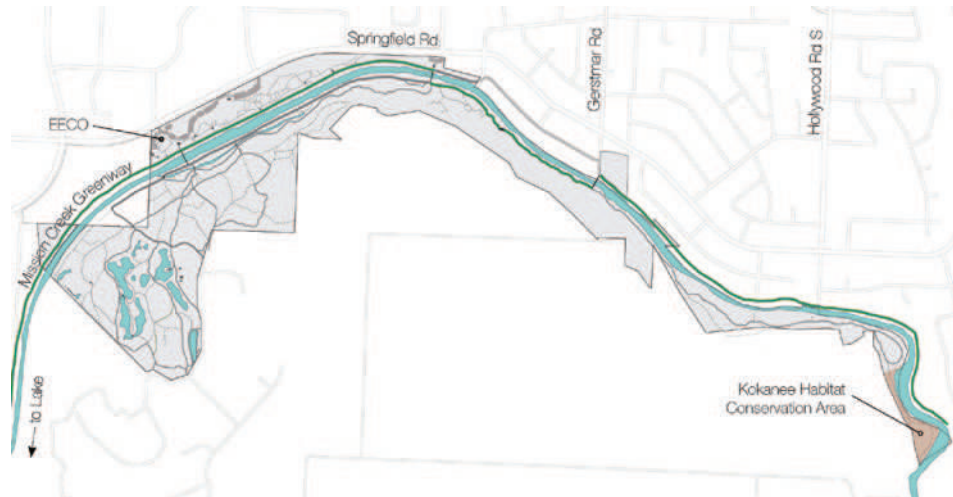
- Adding an off-leash trail entry gate at the new Gerstmar Bridge crossing
- Installing off-leash dog signage to clarify creekside trail etiquette
- Placing waste receptacles with dog bag stations along the trail
- Improving the trail by resurfacing with gravel



Please share any comments you have about the proposed improvements to this part of the park.

12 Kokanee Habitat Conservation

To conserve valuable Kokanee spawning habitat impacted by current visitor use, the existing trail will be decommissioned and the area designated off-limits to park users.



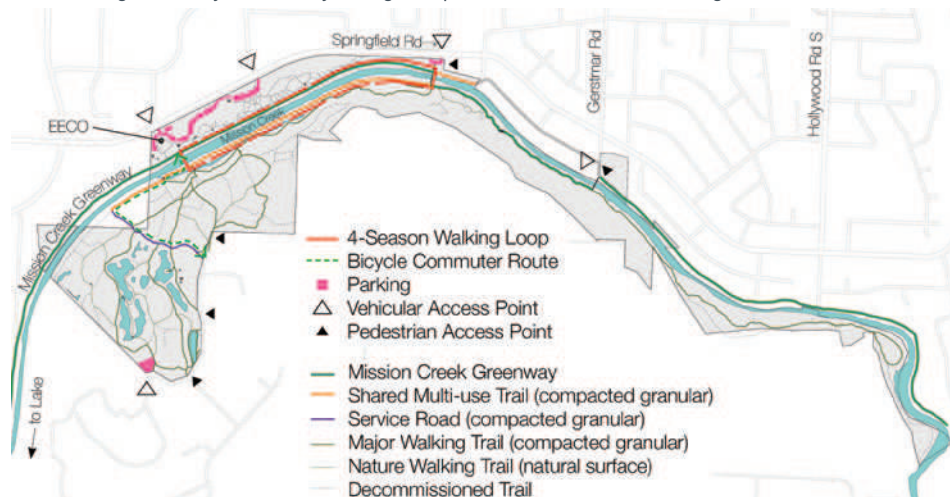
Please share any comments you have about the proposed improvements to this part of the park.

Trail and Circulation Plan

To enhance the passive recreation experience and preserve this park for the future, many improvements to the existing trail and circulation network are planned.

Proposed changes include:

- Establishing a clear hierarchy of trails to aid wayfinding. The four distinct trail types in the park will be (1) shared multi-use trail, (2) service road, (3) major walking trail and (4) nature trail.
- Improving wayfinding by using clearer signage and decommissioning redundant trails
- Resurfacing of high traffic trails with gravel
- Placing benches at strategic locations and waste receptacles at trailheads
- Educate visitors on shared multi-use trail etiquette using signage, which will help to reduce conflicts between pedestrians and cyclists
- Encouraging four season use along the walking loop between the Kokanee and Cottonwoods bridges by minimizing ice formation by improving drainage
- Offering Greenway connectivity through the park over a new Gerstmar Bridge.



Please share any comments you have about changes to the trail network.

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