
Bright Angel Park

Management Plan
2018

DRAFT

ACKNOWLEDGEMENTS

The Bright Angel Park Management Plan is the result of collaborative efforts of residents from the Cowichan Valley Regional District, Cowichan Valley Naturalists Society, BC Parks, Cowichan Station Area Association, CVRD South Cowichan Parks Commission and CVRD Parks and Trails Division Staff.



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EXECUTIVE SUMMARY

Bright Angel Park is located at Cowichan Station in Electoral Area E of the Cowichan Valley Regional District (CVRD), 10 km south of the City of Duncan. The 25 hectare park is situated in the Coastal Douglas fir biogeoclimatic zone and is divided by the beautiful Koksilah River. The park was created in 1958 with a 4 hectare donation of private land to the provincial park system and with further land donations, addition of adjacent crown lands, as well as recent additions of 8.6 hectares, the park has grown from 4 to 25 hectares. The CVRD manages Bright Angel Park under a long term lease with the Province of BC for the Crown owned portions of the park. Bright Angel Park captivates users with natural and built amenities that provide a wide range of experiences. The park recently underwent rejuvenation of some of its original built amenities through a recreation grant provided by the Province of British Columbia.

Bright Angel Park attracts year round users from the South Cowichan region as well as from communities outside of the CVRD. Results from three public surveys between 2010 to 2013 found users from local communities as well as visitors from throughout BC and Canada. Statistics collected over a year on usage and results indicated that the park sees an average of 132 visitors a day, resulting in an estimated 50,000 visitations per year.

The Bright Angel Park Management Plan has been prepared to guide the management, redevelopment and operations of the park over the next 15 years (2017-2032). The plan describes the park, its uses, values and issues; establishes a long-term vision and set of management goals for the park area; and identifies the future priorities for Bright Angel Park over the next 10 to 15 years. The park is valued for its significant ecological features, its natural recreation setting and its cultural history. The most pressing management issue at Bright Angel Park is balancing ecological values with recreational use and developing a long term strategy for amenity replacement.

The Management Plan was prepared using a phased planning process by working with local citizens, park users, First Nations, South Cowichan Parks Commission and elected representatives from the CVRD. Information gathered through public process and through local interest group engagement activities provided direction for the development of a vision for the park and its strategic management framework, insight into the park's natural, outdoor recreation and cultural values, as well as feedback on the preferred park concept design scenarios.

1.0 INTRODUCTION

1.1 CVRD PARKS AND TRAILS OVERVIEW

The Cowichan Valley Regional District (CVRD) is located on southern Vancouver Island and covers approximately 373,000 hectares. The Region is made up of nine Electoral Areas as well as four member municipalities. Currently, the CVRD manages and protects over 200 community and regional park sites. Within the Region there are, as of June 2017, two hundred nine community parks, nine regional parks and the 120 kilometre Cowichan Valley Trail inclusive of the Historic Kinsol Trestle.

CVRD Parks are divided into Community and Regional categories which reflect the different streams for funding of the two types of parks. Within the community park category there is a sub-category defined as Sub-Regional Parks. These Sub-Regional parks are Mill Bay Historic Church, Cowichan Bay Boat Launch, Memorial Park, South Cowichan Dog Park and Bright Angel Park. CVRD Bylaw 2039 specifically funds Bright Angel Park.

Bright Angel Park is considered a special purpose park with a variety of outdoor recreation opportunities: bookable group picnic shelters/overnight group camping, open grass field, walking and fitness trails, fitness equipment, outdoor classroom, Koksilah River access, playground apparatus, a pedestrian suspension bridge over the river and an on-site park caretaker.

1.2 PARK OVERVIEW

Bright Angel Park is located in Cowichan Station in Electoral Area E, 10 km south of the City of Duncan. The 25 hectare park is located in the Coastal Douglas fir biogeoclimatic zone and is divided by the beautiful Koksilah River providing an unique natural setting for all ages and year round outdoor recreation activities. The park was established in 1958 with a donation of private land to the provincial park system from the Fleetwood family. With further land donation and the addition of adjacent crown lands the park has grown from 4 to 25 hectares. During the early years Bright Angel Park was developed and maintained by the Bright Angel Park Society as a Class C Provincial Park, supported by volunteers and donations. In 2001 the CVRD entered into a 30 year lease to take on the management of the park in response to a request from the society for the local government to take over operating the park. The lease agreement contains foundational principles for management and developing goals and actions for the park. For the past 12 years the CVRD has maintained the existing park facilities, trails and caretaker residence that were originally put in place by the society.

The most common activities observed in the park are walking, hiking, swimming, group camping, special events, picnics, field sports, nature viewing, and playground use. The park has a mixed forest of Douglas-fir, Western red cedar, grand fir, Western yew and bigleaf maple. Black-tail deer, raccoons, bald eagles, kingfisher, great blue heron, steelhead trout and mergansers are commonly found in the park, and the occasional black bear and cougar wander through.

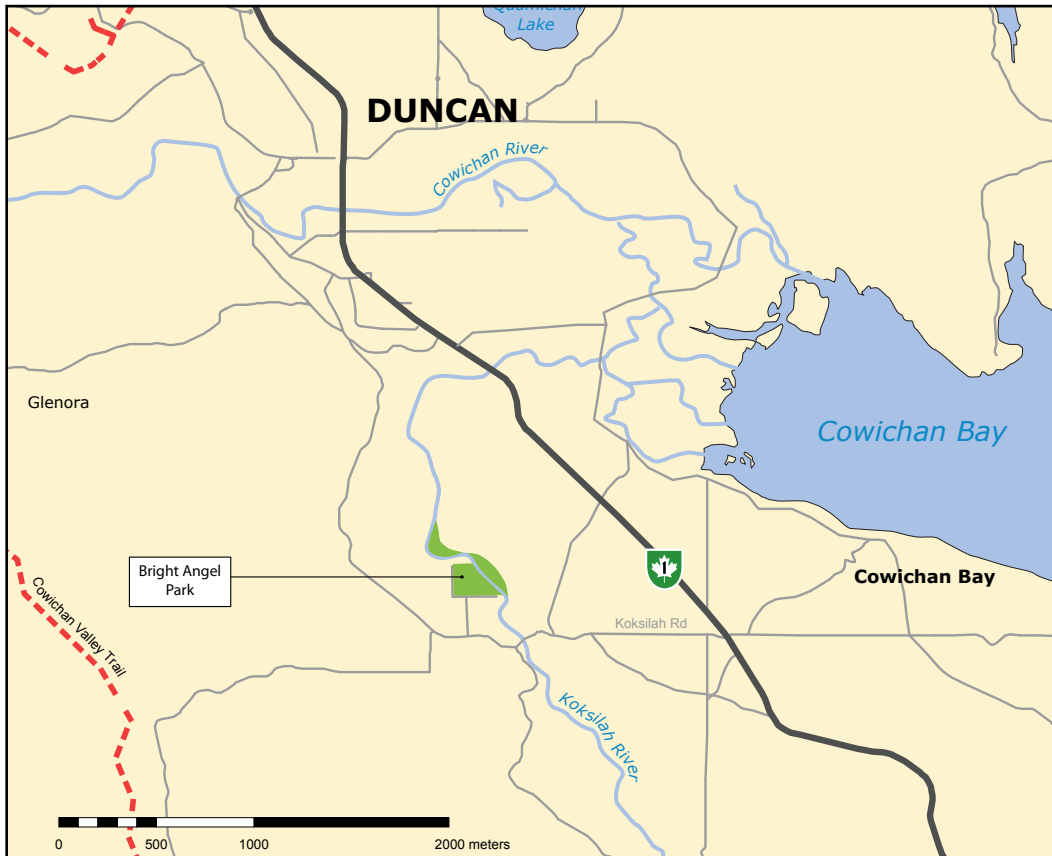


figure 1 location map

Bright Angel Park has been a recreation destination for over 50 years. The built facilities in the park enhance visitor experience and provide greater opportunities to enjoy the park. Currently there are two vehicle parking areas, new playground, group camping shelter, day use picnic shelter, playfield, outdoor exercise equipment, pedestrian suspension bridge over the Koksilah River, washroom building, one pit toilet, trail network, outdoor classroom and playscape, accessible trail loop, caretakers residence, and a parks operations building.

The most recent upgrades to the park took place in 2014-2015 during the Recreation Rejuvenation Project (**appendix A**). Though some of the amenities were upgraded during this project, the two shelters, suspension bridge, care takers residence and parks operations building remain as original improvements to the park by community volunteers and the Bright Angel Park Support Society dating back to the 1960's

Results from public surveys note park users are from local communities as well as from communities in BC and Canada. For over a year statistics were collected on park usage and results indicate the park sees an average of 132 people a day resulting in an estimated 50,000 individual visitations a year.

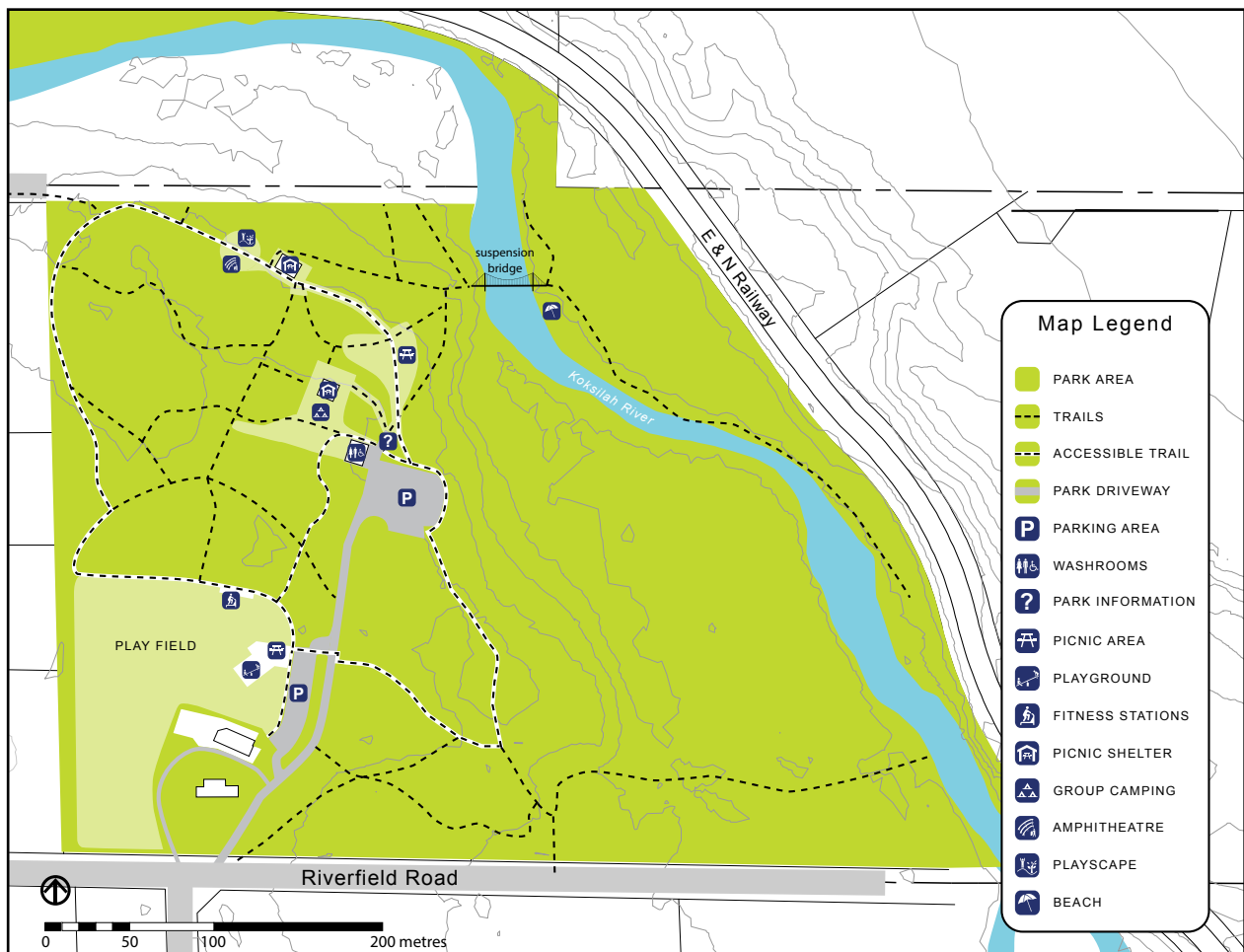


figure 2 existing park condition map



figure 3 orthophoto (2010) park map

2.0 PLANNING PROCESS

2.1 PURPOSE OF THE MANAGEMENT PLAN

The Management Plan for Bright Angel Park is intended to guide operation, development and stewardship of the park based on a comprehensive analysis of values (environmental, natural resource, recreational, cultural, and historical) and public input. The plan lays out the long-term vision and principles for the park and identifies management goals, objectives and priority actions to be addressed for the ongoing future use and sustainability of the park. The plan will be reviewed after 15 years and at that time will be assessed for the need to be updated. In receiving grant funding through the Province of BC's Community Recreation Programming in 2013-15, aged facilities and amenities in Bright Angel Park were updated which prompted the opportunity to also develop a management plan for the park. After many years of increasing public use associate with the developed amenities in the park, it is timely for Bright Angel Park to have a management plan in place to ensure the different natural and built elements are appropriately sustained for future generations to enjoy.

2.2 PLANNING APPROACH

In 2004, three years after the CVRD signed a 30 year lease agreement with the Province of BC for the long term management of Bright Angel Park, a Park Visioning Meeting took place to initiate discussions on the future of the park. The group who attended the meeting comprised of members of the Bright Angel Park Support Society and CVRD elected officials and staff. The 2004 Park Visioning Meeting resulted in a document (**appendix D**) that touched on many items that are found within this plan. One of the many action items in the document was “ to develop a park master plan which will indicate the location and condition of existing facilities and highlight opportunities for future development.”

Though twelve years have past since a management plan was identified as an action item for the park, many of the other items listed in the Park Visioning Meeting document have been addressed. This document along with the 2013-2015 Recreation Rejuvenation project address a majority of the other key action items from the Visioning Meeting Document and input gathered from the community since 2009 through surveys and open houses.

BRIGHT ANGEL PARK PARK MANAGEMENT PLANNING PROCESS

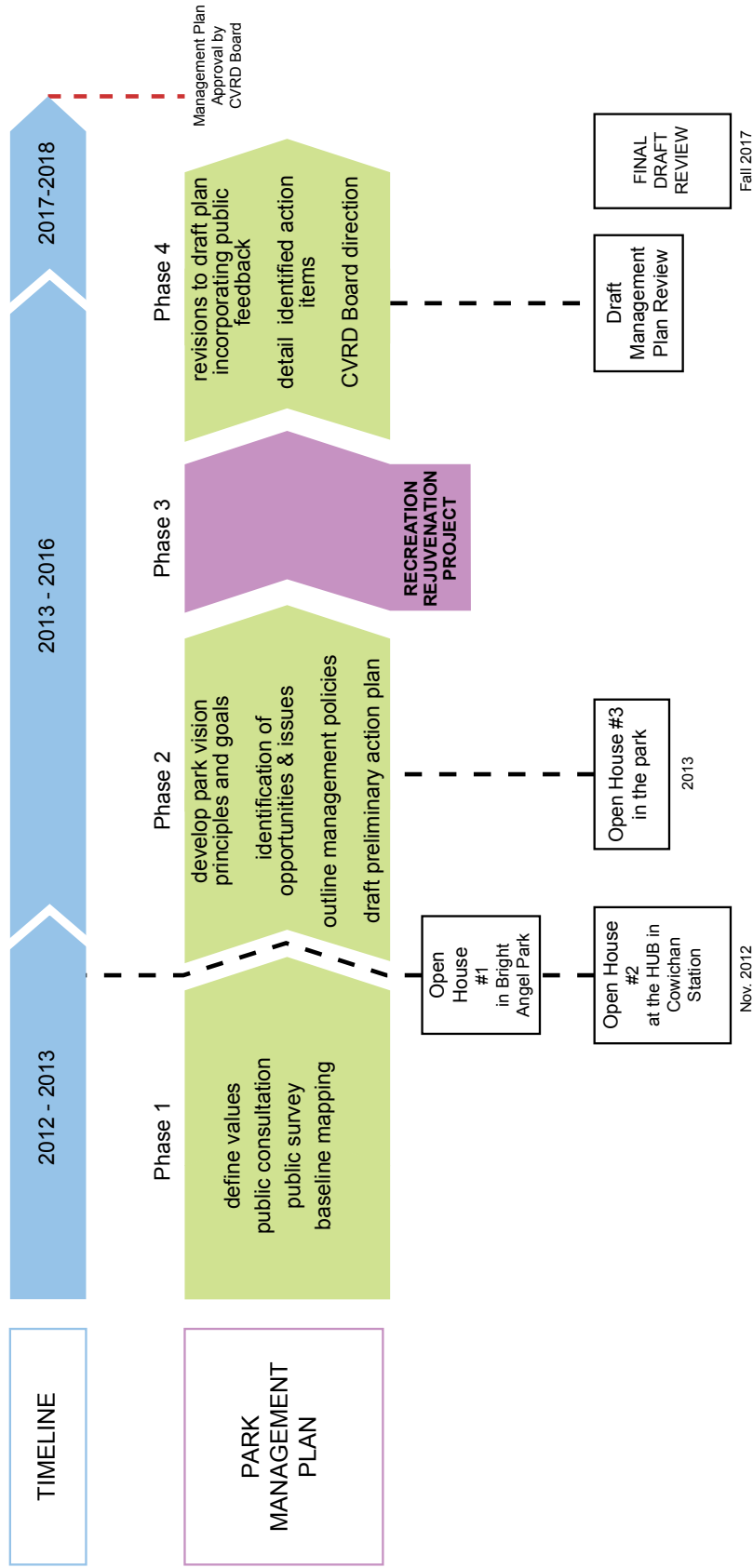


figure 4 plan critical path diagram

The 2017 Management Plan was developed using a phased planning process and by working with citizens, park users, interest groups, First Nations, the South Cowichan Parks Commission and elected representatives from the CVRD. Information gathered through public and park commission group engagement provided direction for the development of a vision for the park and its strategic management framework and insight into the park's natural, recreation and cultural values. The Draft Plan was presented for public review online allowing for community feedback. The Management Plan was updated to reflect input provided during review of the draft and again presented for a final review online and through e-mail. The phased planning process is represented by the graphic on the previous page.

2.3 PUBLIC ENGAGEMENT

Public consultation in developing this plan included:

- direct contact via email, and in some cases telephone or personal meetings, with a range of stakeholders – people and organizations with an active interest in the Bright Angel Park.
- a public survey and a public session to gather information on use and opinions about the future of the Bright Angel Park (phase 1).
- an online survey to present the draft plan and gain feedback (phase 2).
- a third and final online review of the draft plan to finalize the document. (phase 3)

Public Surveys

Initial park surveys were conducted at Bright Angel Park in 2009 knowing that development of a management plan was a pressing action item. This first round of surveys collected data from 126 park users. A second survey was initiated in the summer of 2011. A third base level survey was conducted in the fall of 2012 to correlate with commencement of the recreation rejuvenation project and confirmed with a management planning process. Surveys were also provided in the park, at the evening open houses as well as online. In total 66 surveys were collected and a summary of the results of all three surveys are included as **appendix E**. The information collected in 2009 was correlated with the other two sets of data, which when compiled with the background research, and open house communications provided very good direction for developing a management plan.

A survey reflecting on the initial work of the draft plan was developed to aid in finalizing the document. The survey also provided opportunity for the public to provide input on the grant funded Recreation Rejuvenation Project that took place in Bright Angel Park in 2014-2015.

Public Open Houses 1 & 2

The first set of community engagement activities were held to obtain input, information, and ideas on existing park uses, preferred management direction and an overall vision for the park. An in-park open house on October 22, 2012 was coupled with an evening open house held at the HUB in Cowichan Station on November 5, 2012 to give the community two opportunities to attend and provide input. Both open houses comprised of interactive information boards, surveys, a presentation and open dialog. This public input informed the development of a vision for the park and the strategic management framework.

Public Open House 3

The second set of community engagement activities were held to receive input on preferred park concept design details associated with the Recreation Rejuvenation Project in 2014/15 as well as to confirm the proposed vision, principles and goals for the Management Plan. An open house was held in the park on Saturday May 25, 2013. Activities for the open house included interactive display boards, survey, and open dialog.

Online Plan Review

The final community engagement activity utilized online communication to review and provide for public feedback on the draft management plan. Physical copies of the plan were made available with an associated comment sheet for people who were unable to access the information online.



2012 In Park Open House

3.0 PARK HISTORY

Bright Angel Park has developed over time with natural wilderness and built physical characteristics. The park also holds a unique historic and cultural importance to the local community and first nations. The wide range of elements integral to the park coalesce into unique and memorable experiences for all visitors.

3.1 NATURAL ATTRIBUTES

The shape and size of the park reflect the different acquisition of land over time. In total there has been five land acquisitions through donation, subdivision and designation of crown owned lands for park purposes. The park area is also defined by the E & N Railway to the east, the Koksilah River flowing through its centre and private residences to the west. Bright Angel Park is bounded by 15 separate properties including the E&N railway. Below is a brief chronology of the park's land acquisitions/designations with associated information. The park was initiated by Jack and Maybel Fleetwood who wanted to halt logging activities adjacent to Koksilah River in an area they felt held wonderful natural beauty.

1958 - 4.13 hectares of land is donated by Jack and Maybel Fleetwood to the BC Government for the establishment of a park. The park was named after Jack's guardian angel.

1966 - 9.11 hectares of crown land was added to the park by the BC Government.

1967 - 0.40 hectare donated by Henry Bosch.

1997 - 8.10 hectares dedicated through subdivision from Timberwest.

2004 - 3.50 hectares is donated by Paul Kondal and Leigh Forrest.

Environmental Setting

The following description is part of the Baseline Environmental Assessment conducted by Madrone Environmental on November 16th 2012. The assessment is included in this document as **appendix C**.

Background mapping indicates the study area is located in the mapped extent of the Coastal Douglas-Fir moist maritime (CDFmm) Biogeoclimatic Zone. Warm, dry summers and mild, wet winters characterize the CDFmm as it lies in the rain shadow of Vancouver Island and the Olympic Mountains. The CDFmm is restricted to low elevations that range from sea level to approximately 150 m.

Beyond the existing park facilities and parking area, the majority of the land base at Bright Angel Park supports forested ecosystems, with the most common tree species consisting of the Western red cedar (*Thuja plicata*), bigleaf maple (*Acer macrophyllum*) and Douglas-fir (*Pseudotsuga menziesii*). Black cottonwood (*Populus balsamifera trichocarpa*) is abundant in moister areas. grand fir (*Abies grandis*) is also common especial along the riparian area adjacent to the eastern side of the river. Pacific yew (*Taxus brevifolia*) are scattered throughout the forested areas, but appear to be more common in the riparian area along the eastern side of the river. Western Hemlock (*Tsuga heterophylla*) is relatively common throughout the park. The riparian forest adjacent to the eastern side of the Koksilah River contains numerous veteran trees with Douglas-fir and Western red cedar in excess of 2 metre dbh (diametre at breast height). grand fir veterans also occur in this forested area.

The Koksilah River flows from south to north through the park, and represents a significant habitat feature. Notwithstanding the importance of the river from a fishery resource perspective, the riparian corridor provides important habitat for wildlife. Ungulates (e.g. Columbian Black-tailed Deer and Roosevelt Elk) will use the corridor for forage, security and travel, as will carnivores (e.g. Black Bear).



aerial oblique photo of Bright Angel Park

3.2 CULTURAL ATTRIBUTES

First Nations

Bright Angel Park is within the traditional territory the Hul'qumi'num Peoples of southeastern Vancouver Island, the Gulf Islands and the lower Fraser River. Hul'qumi'num Peoples are made up of six First Nations: Cowichan, Chemainus, Penelakut, Lyackson, Halalt and Lake Cowichan. The Koksilah River which transects the park takes its name after a former permanent Cowichan village site known as Hwulqwselu (xwélkw'sále). This village was located on the bank of the Koksilah River 1.5 kilometres downstream from the park. The people from this village used the Koksilah River corridor to access interior lands for travelling, hunting, harvesting and spiritual purposes. A site known as xtémten (Marble Falls), upstream from Bright Angel Park, was a seasonal fishing village for the people from Hwulqwselu. Bright Angel Park is still frequented by members of the Hul'qumi'num people for cultural practices. There have been no documented first nation archeological sites located within Bright Angel Park.

Post Settlement

The area around Bright Angel Park was settled in the late 1880's by mainly European immigrants. With completion of the E&N Railway in 1886 and the development of Cowichan Station experienced an increased village population along with hotels, bars, post office, community hall, church, school and blacksmith.

The vision for Bright Angel Park was initiated in 1958 with donation of land by Jack and Maybel Fleetwood. The Fleetwoods lived in Cowichan Station just upstream from the park and wished to give back to their community. The lands donated were designated as Class C Provincial Park and did not receive any provincial funding to develop or operate at the time. Volunteer efforts supported all development and maintenance of the park until the CVRD signed the long term lease agreement with the Province of BC. In 1988 the not for profit Bright Angel Park Support Society was formed with a Societies Act and objectives to preserve, enhance and maintain the park through a variety of volunteer activities.

In 1967 the pedestrian bridge was completed linking both sides of the park. The bridge was constructed through a small provincial grant, but it was volunteer hours and donated materials that made this project a reality.



Centennial Cairn

The bridge has become culturally iconic in identification of Bright Angel Park. The park officially opened in 1967 coinciding with the celebration for the National Confederation Centennial and the event is memorialized in the park with a stone cairn on the east side of the river.

Volunteers over time have provided hand made signs and art that remain in the park. Many of the signs have been restored for continued use, but others have been removed due to degradation. The mural and mine carts located beside the parks operations building have been identified as a cultural character defining element of the park.

3.3 BUILT ATTRIBUTES

Bright Angel Park has evolved over time to accommodate recreational uses that include group camping, picnicking, playground activities, walking/hiking, swimming, volleyball, softball and fitness. The built attributes to support these activities were originally funded and constructed by volunteer groups including the Kinsmen of Duncan and the Bright Angel Park Support Society. The caretakers residence was acquired through purchase from the society's last park caretaker, Eric Prittie in 2002 when the CVRD took over operation of the park.

The suspension bridge over the Koksilah River has been an attraction to the park since its construction in 1967. The bridge though 43 years old still provides pedestrian access across the river. The most recent Condition Assessment (**appendix B**) of the bridge occurred in 2013. The park caretakers residence, parks operations building, upper and lower shelter are also part of the remaining original park amenities with the upper shelter being the last addition to the park in 1991 prior to when the CVRD took over the operations of the park in 2002.

In 2012 the CVRD received \$500,000 in grant funding from the Community Recreation Program through the BC Ministry of Community, Sport and Culture for a major revitalization of Bright Angel Park. The grant supported project included a new washroom building, septic and water system, playground, sports field, exercise stations, trail upgrades, landscape updates and site furniture. This project addressed key park upgrades/improvements that park users had identified through the in-park surveys and public open houses. The project was completed by March 2015 with the majority of work occurring in 2014. A project outline has been added as **appendix A**.

4.0 EXISTING AMENITIES & USE

4.1 Existing Amenities

Bright Angel Park has been an outdoor recreation destination for over 50 years. Built amenities in the park elevate user experience, provide recreation opportunities and support operations of the park.

Playground

New playground equipment was installed in 2014 to replace old equipment installed in 1979. The playground location was relocated to the upper field area of the park as identified as a preferred location through public survey and open house data. The new location also improves visibility and accessibility.



New Playground

Natural Play and Outdoor Classroom

The natural wood log climbers were installed to provide a playful option for older children who visit the park, as well as create a sculptural backdrop to the outdoor classroom. The outdoor classroom was created to provide space for groups who visit the park to gather for educational activities.



Outdoor Classroom and Playscape

Trail Network

The trail network was initiated in 1958 and has evolved and expanded over time in response to park use and presently provides over 2.5 km of various types of trails. In 2014, an one km loop of fully accessible trail was created along a pre existing route. In 2014 a new single track trail providing access to the river was also roughed in. Hiking and walking on the trails is the most common activity in the park.



Accessible Trail Loop

Group Camping Shelter

Built in 1991 initially as a group picnic shelter, the site slowly evolved to a group camping area through requests from the community to camp in the park. The shelter is booked for short to long time use or over night, tent only, camping through a reservation system managed by CVRD.



Group Camping Shelter

Day Use Picnic Shelter

Built in 1966, the lower picnic shelter can accommodate large groups or a multitude of smaller groups. The shelter has a wood burning cooking grill and skillet. This shelter is booked for day use only through a reservation system managed by CVRD.



Day Use Picnic Shelter

Suspension Bridge

The suspension bridge over the Koksilah River was developed for the 1967 National Confederation Centennial celebrations. The bridge was built with a small budget and tremendous volunteer effort. The bridge has been upgraded and maintained over the past 46 years, but public input has identified the desire for upgrades in the future to maintain this feature in the park.



Suspension Bridge

Washroom Building

In 2014 a fully serviced washroom building was constructed as part of the rejuvenation project. A new water system and septic field were developed to provide the volume of fresh water and storage for waste water necessary for the number of daily visitors at the park. The building provides male, female and family/ barrier free washrooms.



Washroom Building

Play Field

The play field was established sometime in the 1970's. In 2014 the field was regraded, resurfaced and reseeded to provide a safer multipurpose recreation area. The field is used for a variety of individual activities including team sports like soccer, football, and ultimate frisbee. School groups take advantage of the field for annual sports days.



Playfield

Exercise Stations

In 2014, nine new exercise stations were installed along the new accessible trail loop in the upper field area. The exercise stations were part of the rejuvenation project replacing the old exercise stations that had been removed from the park due to poor condition.



Exercise Equipment

Operations Building

The original construction date of the Parks Operation Building is not confirmed, but it is estimated to date to the 1970's or early 1980's in combination of developing the caretakers residence. The building was developed for park maintenance and for the park caretaker to utilize. The building is still maintained and used for storage of parks equipment and materials as well as a covered work space. Upgrades for sustained use will be needed in the future.



CVRD Operations Building

Vehicle Parking

There are two parking areas at Bright Angel Park. Both parking areas are open year round and can accommodate between 40-60 vehicles. The parking areas are surfaced with gravel and are graded throughout the year to achieve a suitable driving conditions. The upper parking area was created in 2014 to better accommodate the increased recreation opportunities in that area of the park.



Upper Parking Area

Park Furniture

In 2014, seven new picnic tables were installed along the accessible trail loop and around the new playground. Two new wood block benches were placed outside the washroom building to not only provide places to sit, but delineate space. There are older picnic tables and benches found within the two shelters as well as along the trails. This older park furniture is still functional, but will need replacement in the near future. There are also two new memorial benches in the park, one on the west side of the play field and the other adjacent to the west entrance to the suspension bridge.

Park Caretaker Residence

The park caretakers residence was developed specifically as a caretakers facility for Bright Angel Park in the late 1970's. The building was privately owned by Eric Pritte who was the original caretaker at the park. The CVRD purchased the building from Mr. Pritte when the Regional District took over management of the park in 2002. The building remains as a caretakers residence. Upgrades to this facility have occurred overtime; however the age and condition of the buildings are nearing the reasonable life expectancy. Decisions will therefore be required in the near future of the value of a caretaker with regard to replacement of the residence building.

The caretakers provide valuable service to the park and park users by controlling park bookings for group camping, minor maintenance, as well as security. Park caretakers typically are retained under a 5 year contract term with options for renewal at the end of each term. When a new caretaker is required, a request for proposals is put out to the public. The current contract is valid until 2020.



Memorial Bench



Standard Picnic Table



Rear of Caretakers Residence



Front of Caretakers Residence

4.2 Park Use

Bright Angel Park is one of the busiest parks the CVRD manages. Statistics from data gathered from over 250 surveys has revealed the park attracts users from mainly the Cowichan Valley Regional District, but also from other places on Vancouver Island, as well as the BC mainland. Utilizing trail and vehicle counters located at different locations in the park, data has revealed the park accommodates upwards of fifty thousand visitations throughout the year. Park use fluctuates through the seasons and with the popularity of swimming in Koksilah River, group camping and summer events the visitations per month between June and August are estimated between five and eight thousand (5000-8000). That averages to over 200 people a day during the peak summer months. Collected data reveals that November and December are the least busy months in the park with under 1000 visitations a month.

The different outdoor recreation opportunities available at Bright Angel Park attract a multitude of different users. The trail system is by far the most popular attraction, as walking and hiking has been identified through surveys as the most popular activity in the park. Swimming is the next popular activity followed by playground use. The graph below highlights the increased use during the summer months. The two different lines represent the two different locations where data was collected.

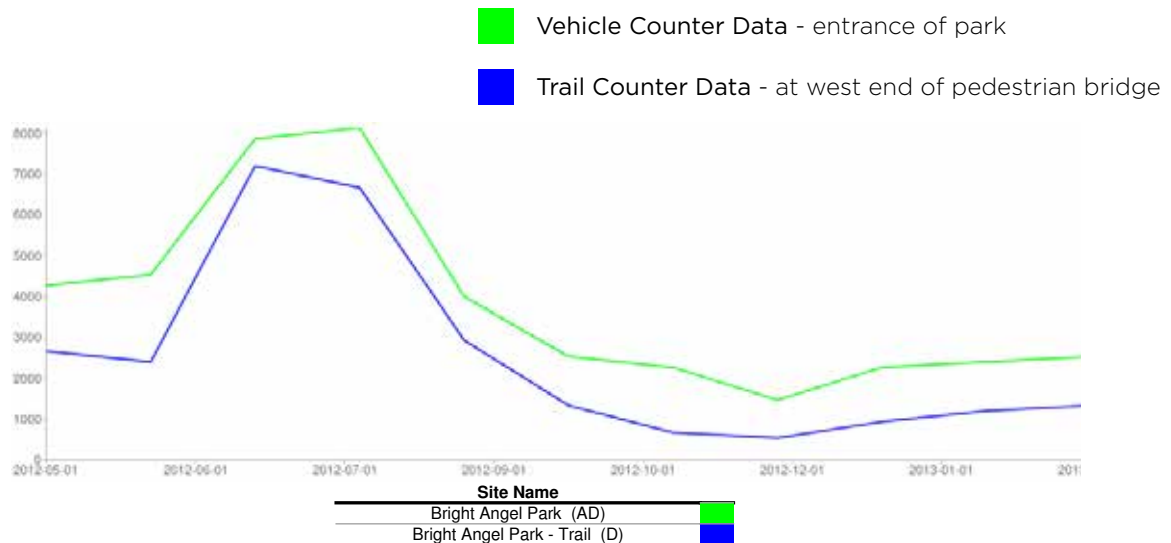
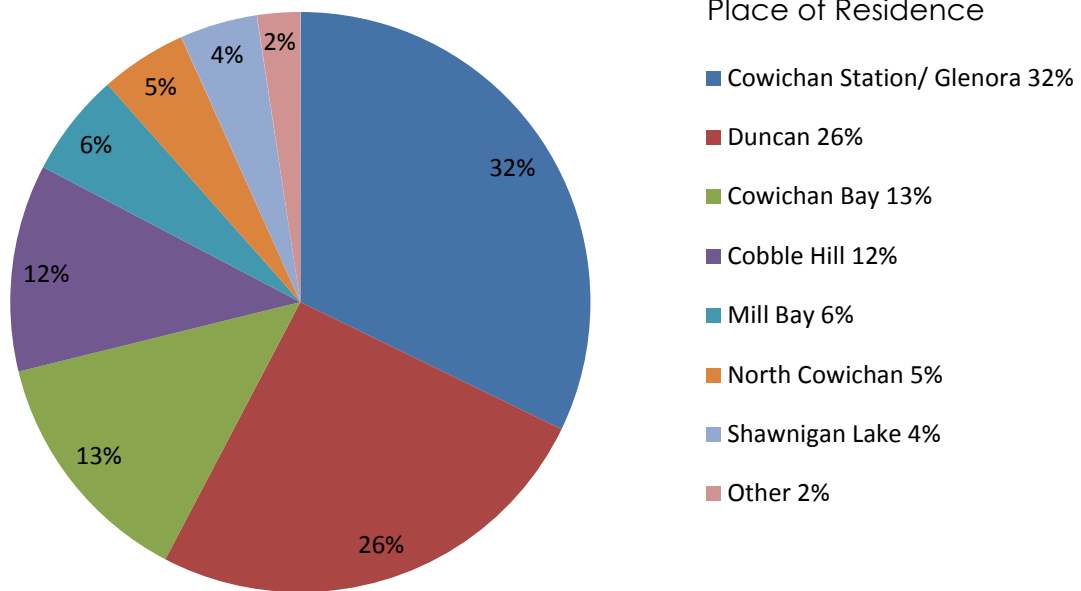


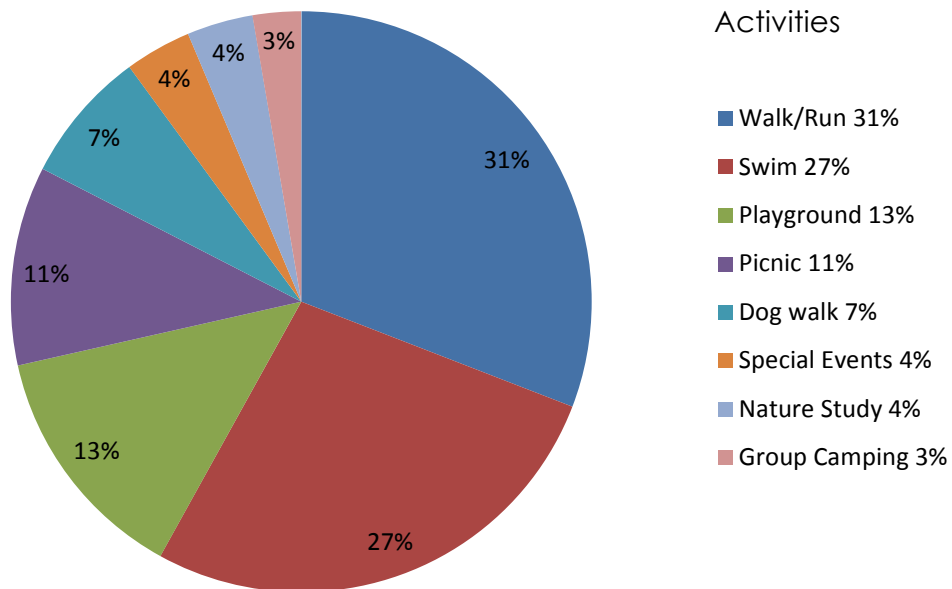
figure 5 2012-2013 Annual Park Visitor Graph

BAP USER DEMOGRAPHICS



*based on completed visitor surveys in 2009,2011,2012

BAP USER ACTIVITIES



*based on completed visitor surveys in 2009,2011,2012

figures 6 & 7 Park User Statistics

Park Access

Bright Angel Park is located in a rural location resulting in 70% of all visitors arriving by vehicle based on survey data. There are four access points that can accommodate vehicles. Only one of these locations is opened daily as the main vehicle corridor into the park. The three other locations are gated and are maintained for emergency or operational use.

Pedestrian access to Bright Angel Park occurs at four locations. The main gate on Riverfield Road is by far the most popular place to access the park. A second entrance that utilizes the Ministry of Transportations right-of-way at the end of Howie Road North is used by residents of the adjacent neighborhood. The third pedestrian access is also an emergency vehicle access point off of Riverfield Road 100 metres east of the main entrance to the park. The fourth pedestrian access is undeveloped and not promoted as it is from the E&N Railway right of way. Cowichan Station residents utilize the rail corridor to walk to the park and scramble down the steep slope. These unofficial access points from the rail corridor are unsafe and promote slope erosion. Survey respondents suggested an official access be developed to the railway, but this would direct park users into an active rail transportation corridor and possible danger. Long term planning and partnership will be necessary in pursuing a possible rail with trail option for the link to Cowichan Station.

Park Hours

Bright Angel Park is open between dawn and dusk throughout the year. With annual fluctuations of sunrise and sunset, winter and summer hours have been generalized to better manage park use. Winter hours are from October 1 to March 31 and the park is open between 8 am and 6 pm. Summer months are from April 1 to September 31 and the park is open between 7 am and 9 pm. The parks caretakers do have the ability to use their discretion to best fit a dawn to dusk regime.

For group campers, the main gate of the park is closed from dawn to dusk so anyone that needs to enter or exit with their vehicle outside of the open times must park beyond the main gates. If there is an emergency in the park the caretakers will manage the gate for after hours access.

Trail Use

Walking, hiking and running are identified through survey data as the most popular activities at Bright Angel Park. Currently there are 2500 metres of trail within the park. Additional trail was developed during 2014. A fully accessible trail loop was included in the upgrades providing increased opportunity for all ages and abilities. There are unmaintained and unofficial secondary and tertiary trails in the park that create habitat fracturing. The CVRD does not support activities that occur off the defined and maintained trails. All park trails are not designed or constructed to accommodate horseback riding.



Dog Walking

Dogs are welcome in Bright Angel Park, but must be on leash at all times in all areas of the park. An important component of developing this plan is to determine opportunities, necessary resources/support and park capacity that may be necessary to facility off leash opportunities in the park.

Recent surveys revealed that 42% of those who visit the park do so with their pet affirming dog walking is a popular activity at Bright Angel Park. The trail systems in the park provide opportunity to exercise dogs, but unleashed dogs may impact other park users experiences and damage habitat.



Swimming

The swimming opportunities at Bright Angel Park exist mainly on the east side of the river. The different locations to enter the water vary from steep bank to gravel bar. The depths of the river where swimming occurs ranges from 0 to 1.8 metres. The river is considered shallow and users wade into the water. Due to the limited suitable swimming areas and shallow depths, swimming at Bright Angel Park is favored by youth and toddlers though adults also take advantage of this natural park feature. There are no lifeguards at Bright Angel Park.



Group Camping

Group camping evolved at Bright Angel Park after the construction of the upper shelter in 1991. Previously, camping did not occur and was not permitted in the park. The group camping opportunity emerged through special request and approval by the park caretaker. Group camping remains by way of booking on a first come first serve availability basis. Group camping applications or special event permits, available online through the CVRD's website, are reviewed by staff to ensure the use corresponds with park policies and regulations pertaining to group camping overnight use. Bright Angel Park provides a unique, tent only, group camping experience. Camping groups have the park to themselves after the park closes in the evenings and share the park with the public during the day. The park care takers who reside at Bright Angel Park ensure that groups check in and out on time, enjoy their stay and follow the agreement for group camping.



Playground

The new playground was developed in 2014 in the upper field area. The playground location was shifted to the upper field area from the previous location beside the day use picnic group picnic shelter to provide better access and safety through increased visibility. Log climbers were added to the outdoor classroom amphitheater area to provide a sculptural backdrop and to increase play opportunity in the park. Statistics from the survey data reveal the playground is the third most popular park use after walking/hiking and swimming.



Field Activities

In the past, the field area has been used for softball, soccer, volleyball, football, and many other group and team sports. In 2014 the play field was regraded and resurfaced to provide a safe and updated area for multiple field activities. The field is a bookable facility and is typically utilized by schools and other large groups.

Exercise Stations

In 2014 exercise stations returned to the park after many years of being absent. The stations were grouped along the edge of the play field to create a safe and visible location for visitors who wish to utilize the stations. The exercise stations were placed adjacent to the accessible trail loop, the field and playground to group these active uses in the park and to promote an active and healthy community.



Education/Nature Study

Bright Angel Park is popular with local school groups, local naturalist clubs as well as First Nations for teaching and learning about the natural flora and fauna found on Vancouver Island. The park provides examples of coastal plant species and a variety of habitats that attract a wide range of animals. On average there are 5 to 10 booked events annually in the park that are focused on ecological education. The two park shelters accommodate large school groups and the trail systems provide access to the different habitats in the park. The habitats within Bright Angel Park are foundational features and the park charter defining elements. Bright Angel Park functions as a recreation destination, but it also as a natural classroom and text book for future generations and teachers to utilize.



Alaina W. - Grade 5 École Duncan Elementary
Red Huckleberry
Bright Angel Park - October 2012

Special Events

The natural and built amenities in Bright Angel Park provide for a wide range of special events. Special events can have impacts on the park and other park users so a Special Event Permit Application Process is utilized for consideration of event proposals for use of the park. Special events may utilize the group camping area, trails, and picnic shelter. Schools, clubs, and private businesses all book Bright Angel Park throughout the year for special events. The CVRD considers all the different elements proposed in the application to ensure the park will still be accessible for the public, can sustainably accommodate the event and that the event will be safe.





Koksilah River Reflections

5.0 VISION, PRINCIPLES & GOALS

Collecting information through surveys and direct communication with park users has provided valuable insight into the past, present and future values, desires and aspirations for Bright Angel Park. The survey in 2012 included questions pertaining to the upgrading of amenities for the park supported with grant funding, as well as general park use. The open houses also provided interactive boards to obtain information, ideas and vision for the future of the park. The information provided by park users combined with CVRD corporate strategic plan and policies have supported the development of the management plan that will guide the future of Bright Angel Park.

5.1 Vision Statement

Bright Angel Park's natural beauty, built amenities and the captivating Koksilah River continue to provide accessible outdoor recreation and education opportunities for all ages and abilities. Recreational and ecological values are balanced with respecting and protecting the parks natural and cultural values through sustainable stewardship.



5.2 Park Management Principles and Goals

Three management principles for Bright Angel Park have been developed that reflect the over all vision for the park. The long term lease agreement with the Province of BC, input and desires of the community and CVRD's park bylaws and overall parks services delivery program coalesce into three fundamental principles to guide management and decision-making in achieving the goals and priority objectives of this park management plan.

3 Park Management Principles

1. Inclusive Engagement and Management

The management of Bright Angel Park is inclusive and transparent. There are clear and meaningful opportunities for people to learn about and contribute to the management processes.

2. Ecological Integrity

The management of Bright Angel Park ensures ecological integrity. The well-being of ecosystems, biodiversity, fish and wildlife is considered in management decisions.

3. User Experiences

The management of Bright Angel Park sustains diverse and inclusive recreation with cultural and environmental education opportunities for park users to experience.



6.0 PARK USE ZONE MAP

Public input, historical use and current conditions have informed the development of a Park Use Zone Map to better support current and future planning and management of Bright Angel Park. Four Park Zones - Environmental Protection, Natural Environment, Programmed Recreation, Operations and Utilities are intended to identify areas in the park that support the variety of acceptable activities for park use, through application of park management policies, goals, objectives and actions.

1. Environmental Protection Zone (EPZ)

- To protect, enhance and restore ecologically significant areas and to minimize recreational infrastructure.
- Visitor experience is centred on natural appreciation.

2. Natural Environment Zone (NEZ)

- To provide easily accessible natural areas where active recreation can occur within large contiguous natural areas.
- Areas with outstanding features that create a memorable visitor experience.
- Ecosystems are functioning in a sustainable fashion.

3. Programmed Recreation Zone (PRZ)

- To provide areas that accommodate concentrated recreation use with supportive park amenities and vehicle access.
- Natural values may be impacted to allow higher level of activity.

4. Operations and Utilities Zone (OUZ)

- To provide areas for CVRD operations, park caretakers facilities and utilities that support park management.
- Natural values may be impacted to allow higher level of activity.

If a proposed park development may impact the natural assets of the park, an environmental impact assessment and community engagement will occur to ensure the actions are investigated and supported. Any impact to natural assets will either be temporary during development and will return to original conditions or compensation through restoration efforts will occur in areas adjacent to the development as prescribed in the environmental impact assessment.



figure 3 orthophoto (2010) park use zone map

Park Management Goals

Park Management goals align and support the management principles by identifying fundamental, broad and longer term focus that is not directly measurable or prescriptive on how the goals will be accomplished. Objectives and priority tasks provide the action to accomplish the goals. Management goals drive and directly influence objectives and priority tasks.

1. Inclusive Engagement and Management

- Pursue partnerships with local interest groups and First Nations to enhance long term stewardship and volunteer opportunities at the park.
- Provide communications to park users through various media platforms.
- Continue park use monitoring and the trail counter program to support ongoing comprehension and management of park use, issues, opportunities, trends and thresholds.
- Explore energy efficient opportunities for development of amenities and daily operations.
- Balance park visitation and taxpayer funding with infrastructure development and operational maintenance.

2. Ecological Integrity

- Protect, maintain and restore natural habitats found within the ecosystems in Bright Angel Park.
- Support the work by different agencies to monitor water quality, riparian areas and aquatic species associated with the Koksilah River.
- Increase awareness of sensitive park habitat through interpretation and education.

3. User Experience

- Balance opportunities for outdoor recreation and active living with sustaining the park's natural features, and to recognize as being essential to personal health, strong families and healthy communities.
- To promote outdoor recreation programming in the park that is suitable and sustainable with the built infrastructure.
- Develop an accessibility strategy to ensure that all people have access to quality recreational and cultural services and facilities.
- Increase participation in parks, recreation and culture programs, events and activities while balancing capacity of the park.
- Develop educational materials within the park to communicate and promote local cultural and ecological knowledge.
- Maintain park trails and amenities to a clean and safe standard.



7.0 OBJECTIVES AND PRIORITY ACTIONS

Park users provide vital feedback on maintenance concerns and ideas for elevating park experience. The 250 surveys that have been collected from park user input over the past 10 years combined with the regular daily interactions with park visitors, parks caretakers, and maintenance contractors provide valuable information to support the park vision, through to priority actions to fulfill goals and objectives as outlined in the management plan.

Conservation and Recreation

There were many comments from the public regarding the importance of conserving habitat at Bright Angel Park. Recreation and Conservation were ranked the top two words respectively in describing the vision for the park. After hiking and swimming, wilderness experience was the next in percent response identifying significant park values. Bright Angel Park was developed to accommodate recreation, protect habitat and to provide a natural wilderness experience. Balancing environmental protection with recreation opportunities is an issue for all CVRD parks. Due to the popularity and wide range of recreation activities occurring in Bright Angel Park, finding the balance between these integral elements is a challenging, but an achievable goal.

OBJECTIVE #1

To better comprehend the recreational use trends occurring in the park and the associated capacity impacts to infrastructure and natural park values to better plan and manage the park.

- Action:
- Collect seasonal in park satisfaction surveys.
 - Collect seasonal park use observations and analysis.
 - Conduct an Ecological Inventory and Assessment.
 - Assess opportunities for additional lands for park expansion.
- Timing:
- 2018 - forward, park monitoring and ongoing park user surveys.
 - 2018-2020 Ecological Inventory and Assessment.
- Resources:
- \$5,000 for Ecological Inventory and Assessment.
 - Opportunity for NGO partnerships, stewardship volunteers.

Pets

Bright Angel Park is a popular park for dog walkers. The park provides a variety of trails for safe exercise for pets and owners. Currently, all dogs must be on a leash in all other areas of the park at all times which is supported by CVRD Parks Bylaw # 738. Conflicts arise when dogs are off leash and trample vegetation, disturb wildlife, defecate out of view of their owners, and approach other park users on trails or at the river. Not all park users enjoy dogs and small children are especially at risk for conflict situations. There were many requests to make part of the park off leash and to include an off leash beach.

From a planning perspective, dog off leash areas need to be thoughtfully located, sized and serviced to reduce potential impacts on existing or adjacent land uses. In particular, careful siting and design should be used to reduce potential conflicts with residential neighborhoods, schools, playgrounds, sports field and environmentally-sensitive areas.

OBJECTIVE #2

To monitor existing use of the park of visitors with pets. Explore ideas and concepts to accommodate off leash opportunities in the park

- Action:
- Monitor dog use in the park through observations and provide analysis to commission.
 - Utilize Park Use Zone Map to identify possible areas for future dog off leash area.
 - Determine what type of dog off leash area may be appropriate for Bright Angel Park.
- Timing:
- 2018-2020 public engagement to further investigate possible actions.
- Resources:
- Specific funding would need to be identified and secured if a dog off leash area option is identified as a priority action.
 - Park users - public consultation.

Habitat Degradation

Habitat degradation can be caused by natural processes or by human impact and Bright Angel Park experiences both types. Park management must ensure that impacts on ecologically sensitive areas are avoided or minimized and that the natural values of the park are protected.

OBJECTIVE #3

To inventory, assess and analyze the ecological health at Bright Angel Park to determine opportunities for ecological restoration, education and volunteer opportunities.

- Action:
- Obtain an Ecological Inventory and Assessment.
 - Initiate interpretive signage program.
 - Initiate a heritage tree inventory.
 - Support water quality monitoring within the park.
 - Plant within existing restoration areas.
 - Expand in park recycling opportunities in the park.

- Timing:
- 2018-2022 look for opportunities for grants and partnering with local stewardship groups.

- Resources:
- \$ 10,000 for development of interpretive sign program.
 - \$ 5,000 for habitat restoration planting 2018.
 - \$ 5,000 for forest health assessment and necessary immediate work.
 - Environmental Contractors and/or partnership with NGO stewardship and volunteers.



Invasive Species

Bright Angel Park invasive terrestrial vegetation is the major concern and many species were identified in the Environmental Impact Assessment conducted by Madrone Environmental Services in 2012.

OBJECTIVE #4

To inventory, annually treat and monitor invasive plants in Bright Angel Park.

Action:

- Initiate an Invasive Plant Inventory for BAP.
- Initiate a funded habitat restoration program that supports the treatment of invasive plants.

Timing:

- 2018-2019

Resources:

- \$ 4,000 for Invasive Inventory and Report for BAP.
- \$ 8,000 annually to support ongoing habitat enhancements inclusive of invasive plant treatment, habitat restoration, tree health, river erosion, slope stability, water quality.
- Environmental Contractors and/or partnership with NGO stewardship and volunteers.

Three Identified Invasive Plant Species in Bright Angel Park



Japanese Knotweed



Canada Thistle



Himalayan Balsam

Accessibility

Park users with mobility issues have identified the need for accessible trails washrooms and river access in the park. Developing and managing parks to be inclusive of all ages and abilities is a priority when opportunities for new or updated amenities arise to create inclusiveness and elevate the over all experience at Bright Angel Park.

OBJECTIVE #5

To conduct an accessibility assessment to identify opportunities for creating greater accessibility in the park.

- Action:
- Conduct accessibility assessment of all park amenities.
 - Develop priority list of achievable accessible trail and amenity upgrades.
- Timing:
- 2018-2020 assessment of existing accessibility in the park and identify opportunities to enhance accessibility.
- Resources:
- CVRD and design consultant.
 - Park users - public consultation.



Stewardship and Volunteering

Volunteer effort and community based park stewardship has been integral to the development and evolution of Bright Angel Park since its inception. Prior to the CVRD taking on the management of the park it was managed through the volunteer efforts of the Bright Angel Park Society that the park was operated and maintained for the public to use and enjoy. In 2018 a CVRD Parks and Trails Volunteer Policy will initiate supporting expanded Parks and Trails volunteer opportunities throughout the CVRD. This program will look for park specific volunteer opportunities at Bright Angel Park.

OBJECTIVE #7

To engage the community to support expanded volunteer opportunities at Bright Angel Park through the 2018 CVRD Volunteer Policy.

- Action:
- Engage the community to comprehend interests for volunteering and stewardship at Bright Angel Park (Friends of Bright Angel Park).
 - Identify volunteer opportunities at Bright Angel Park.
 - Initiate BAP Appreciation Day
- Timing:
- 2018-2020 expand volunteer opportunities at Bright Angel Park.
- Resources:
- CVRD and community volunteers.



Enhancing and Updating Park Amenities

New amenities were added and old ones replaced in Bright Angel Park during the 2013-2015 Recreation Rejuvenation Project. The two shelters, caretakers residence and pedestrian bridge were not updated during this project and are all approaching the end of their service life due to age and condition. Decisions associated with financial capacity to replace key park amenities will be a priority in the coming years. An assessment of all amenities with a strategy for update or replacement will be developed as part of the CVRD's development of a comprehensive asset management program for the Regional District.

OBJECTIVE #6

To develop a comprehensive asset management and replacement program for Bright Angel Park.

- Action:**
- Assess all amenities and develop a cost upgrade/replacement strategy.
 - Develop a priority replacement program for the pedestrian bridge, two shelters and caretakers residence.
 - Continue engagement with community to reflect needs for enhancing park experience.
- Timing:**
- 2018-2020 an asset management strategy will be finalized that will inform scheduling and funding for replacement of all amenities in the park.
 - 2018 - a park satisfaction survey will be conducted in 2018 to discover overall park user satisfaction.
- Resources:**
- CVRD and consultant will develop the asset management program.
 - Park users - public consultation.

Communications

Currently, there is limited interpretive signage beyond information provided on the main kiosk in the park. It has been requested through the collected surveys that interpretive signs providing educational information pertaining to the natural and cultural landscape that define Bright Angel Park be developed. An overview map of the park showing all primary and secondary trails is located on the main kiosk near the lower parking area, however it has been requested through park user communications that park maps be provided at the upper parking area, the pedestrian entrances on Riverfield Road and Howie Road North and on the east side of the pedestrian bridge over the Koksilah River.

OBJECTIVE #7

To provide greater in park communications through the development of an interpretive sign program and assessment directional signage needs.

- Action:
- Develop and install an interpretive signs for the park.
 - Develop and install park maps he upper parking area, the pedestrian entrances on Riverfield Road and Howie Road North and on the east side of the pedestrian bridge over the Koksilah River.
- Timing:
- 2018-2020 develop and install park maps at key locations in the park to aid with trail navigation.
 - 2018 - 2020 develop and install interpretive signs.
- Resources:
- \$ 10,000 for developing and install park maps at identified locations.
 - \$ 10,000 for development of interpretive sign program.
 - Graphics Consultant, NGO environmental groups.

Maintenance

The majority of maintenance at Bright Angel Park is conducted through contracted services as part of a holistic maintenance program for all CVRD Parks and Trails. This contract covers day to day site inspection, landscape upkeep and cleaning of amenities in the park. The Bright Angel Park caretakers who live on site also provide minor maintenance support specifically for booked group camping and events. Larger repairs and maintenance projects that are beyond daily upkeep are included in the annual work plan for the CVRD Parks Operations team. The maintenance also includes annual inspections of amenities to ensure safety standards are achieved.

The maintenance plan for Bright Angel Park was updated after the completion of the 2014-2015 Recreation Rejuvenation Project to support the changes in the park. Changes to levels of maintenance evolve to reflect environmental conditions and funding.

OBJECTIVE #8

To review and update the maintenance practices at Bright Angel Park investigating financial, environmental, and ethical maintenance opportunities.

- Action:
- Schedule annual review of maintenance with CVRD staff, contractors and park caretakers to ensure up to date practices and address emerging issues or ideas.
 - Conduct a park user satisfaction survey
- Timing:
- Ongoing review of overall maintenance plan during annual budgeting.
 - Ongoing review of contract with maintenance provider to ensure specifications are confirmed.
- Resources:
- Funding for the annual reviews of the maintenance plan are included in the work plan of CVRD Staff.
 - Any shifts in maintenance will be supported through appropriate changes of the operating budget through the South Cowichan Parks function.
- Participants:
- CVRD Staff, Maintenance Contractor, BAP Caretakers
 - Park users - public consultation

Fires and Urban Interface

Currently, campfires are permitted within the two designated fire pits located in the bookable park shelters. Campfire regulations provided by the Ministry of Forest, Lands and Natural Resource Operations are followed and enforced under the BC Wildfire Act. All regulations are communicated to park users who wish to have fires during their visit to Bright Angel Park. During summer months when forest fire risk is high, fire bans are implemented at the park. In 2011 a fuel assessment was conducted in that year and 2016 CVRD conducted fuel reduction in areas identified with surplus fuel. An assessment of forest fuel should occur every five years and appropriate mitigation work undertaken based on such assessments and available resources and funding. A new assessment is overdue.

OBJECTIVE #9

To maintain best management practices for permitting camp fires within the park and to minimize urban interface fire risk through forest fuel assessment and appropriate abatement.

Action:

- Retain a consultant to perform an assessment and provide a report with prescriptions for fuel abatement.
- To develop a priority abatement action schedule dependant on annual funding.

Timing:

- Assessment by a professional contractor 2018-2019. CVRD park maintenance staff will monitor and report any concerns regarding forest fuel during daily weekly and annual maintenance.

Resources:

- \$2,500 Estimated costs for detailed assessment.
- CVRD and qualified consultants.

Emergency Planning

Bright Angel Park does not have a park specific emergency plan. It does however have protocols in place for emergency situations and is supported by the Local Authority Emergency Plan for the CVRD. The plan provides an integrated approach for all types of emergencies and provides information on the roles and duties of the different agencies.

OBJECTIVE #10

To formalise an emergency plan with annual review for Bright Angel Park.

- Action:
- Review emergency protocol for CVRD staff and BAP caretaker and develop an interface with the Local Authority Emergency Plan.
 - Review emergency access for all locations within the park.
 - Ensure emergency information is available on all park signs and informational documents.
- Timing:
- During 2018-2020 an updated emergency protocol will be developed for Bright Angel Park integrating appropriate guidelines from the Local Authority Emergency Plan.
- Resources:
- CVRD, Mid Island Emergency Coordinators & Managers



Action Priority Matrix

The following tables graphically identify specific priority actions to support the ten key objectives which align with the goals and principles for the management of the park. The tables also identifies targeted timing for accomplishing the priority actions.

Conservation and Recreation

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Seasonal in park satisfaction surveys	●			
Seasonal park use observations and analysis	●			
Ecological Inventory and Assessment		●		
Persue lands for park expansion				●
Install bike rack	●			

Pets

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Monitor dog use in the park through observations and provide analysis to commission.	●			
Utilize Park Use Zone Map to identify possible areas for future dog off leash area		●		
Determine what type of dog off leash area may be appropriate for Bright Angel Park		●		

Habitat Degradation

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Ecological Inventory and Assessment		●		
Initiate a heritage tree Inventory		●		
Support water quality monitoring within the park				●
Habitat planting within existing restoration areas	●			
Expand in park recycling opportunities	●			
Investigate opportunities to reduce turf areas and expanding natural restoration areas				●

Invasive Species

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Initiate an Invasive Plant Inventory	●			
Initiate a funded habitat restoration program that supports the treatment of invasive plants	●			
Develop ecological and cultural education program				●
Enhance native plant diversity				●

Accessibility

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Conduct accessibility assessment of all park amenities		●		
Develop priority list of achievable accessible trail and amenity upgrades		●		

Stewardship and Volunteering

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Engage the community to comprehend interests for volunteering and stewardship at Bright Angel Park.	●			
Identify volunteer opportunities at Bright Angel Park	●			
Initiate BAP Appreciation Day		●		

Enhancing and Updating Park Amenities

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Assess all amenities and develop a cost upgrade/replacement strategy	●			
Develop a priority replacement program for the pedestrian bridge, two shelters and caretakers residence	●			
Continue engagement with community to reflect needs for enhancing park experience	●			

Communications

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Develop and install an interpretive signs for the park (cultural, environmental, educational)		●		
Develop and install park maps at identified locations	●			
Outreach to community for park stewardship (Friends of Bright Angel Park)	●			
Initiate BAP Appreciation Day		●		

Maintenance

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Schedule annual review of maintenance up to date practices and address emerging issues or ideas	●			
Conduct a park user satisfaction survey	●			

Fires and Urban Interface

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Retain a consultant to perform an assessment and provide a report with prescriptions for abatement	●			
To develop a priority fuel abatement action schedule dependant on annual funding	●			

Emergency Planning

Action	High Priority (1-3 yrs)	Med Priority (3-5 yrs)	Low Priority (5-10 yrs)	As opportunities arise
Review emergency protocol for CVRD staff and BAP caretaker and develop an interface with the Local Authority Emergency Plan	●			
Review emergency access for all locations within the park	●			
Ensure emergency information is available on all park signs and informational documents	●			



Koksilah River at Bright Angel Park

8.0 IMPLEMENTATION AND REVIEW

Upon review and approval by the Cowichan Valley Regional District Board of Directors, this management plan will be implemented by the Cowichan Valley Regional District.

The principles, goals, and objectives highlighted in this management plan will be used to support the priority listing of actions to be implemented over the duration of the plan and the current lease agreement with BC Parks.

Collaboration with local interest groups, volunteers, and first nations will be critical to achieving the goals and priority objectives outlined in the management plan. In addition the CVRD will conduct further consultation with the public and all stakeholders as needed.

Periodic reviews will be conducted as the management plan is implemented to assess if objectives and strategies are being achieved. A formal review will occur in 15 years in 2030 which is when the current 30 year lease to manage the park will need to be renewed with BC Parks.

Using the strategies outlined in the plan the CVRD is committed to managing Bright Angel Park in supporting exceptional recreational and cultural experiences as well as diverse habitat enhancement efforts.



APPENDIX A

BRIGHT ANGEL PARK RECREATION REJUVENATION PROJECT SUMMARY

APPENDIX B

2013 CABLE STAYED SUSPENSION BRIDGE CONDITION ASSESSMENT

APPENDIX C

2013 PROJECT ENVIRONMENTAL IMPACT ASSESSMENT

APPENDIX D

2004 PARK VISIONING MEETING

APPENDIX E

SUMMARY OF PARK SURVEYS - 2009, 2011, 2013

APPENDIX F

2018 MANAGEMENT PLAN SURVEY