



# Cedar Hill Park

Management Plan Additional Appendices  
2020 to 2040

**DRAFT**

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## 8 Appendices

### 8.2 Stakeholder working group meeting notes

**Stakeholder Working Group Meeting #1**  
Cedar Hill Park Visioning and Planning Project

Saanich Municipal Hall  
January 26, 2017

#### Meeting Summary

##### ATTENDANCE

###### Present

Evan Peterson, Barefoot Planning – Facilitator  
Julie Lommerse, Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon, Quadra Cedar Hill Community Association  
Barbara Latham, Friends of Cedar Hill Park  
Val Neaves, Mount Tolmie Community Association  
Jody Watson, CRD / Chair of Bowker Creek Initiative  
Gary Darrah, Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger, Saanich – Manager of Urban Forestry and Natural Areas  
Careena Elford, Cedar Hill Recreation / Golf Course (in lieu of Carole Ireland)

###### Absent

Val Mieras, Cedar Hill Golf Club  
Karen Harper, Camosun Community Association  
Carole Ireland (Careena Elford attended in lieu), Saanich – Cedar Hill Rec / Golf Course

##### DISCUSSION SUMMARY

###### Introductions / Attendance

1. Name correction: Val Neaves not Val Brewer
2. Careena Elford attending on behalf of Carole Ireland
3. Ideas for location for future meetings:
  - a. Cloverdale School
  - b. Cedar Hill Recreation Centre (work with Careena to secure a meeting room)

###### General

4. The idea for this project started with the Parks and Recreation Master Plan indicating that the department should undertake Park Management Plans for all major parks. Cedar Hill Park was identified as one of the parks to be completed in 2016/2017.
5. Julie was asked to confirm date of the actual 50th anniversary – suggested as date of one of the public engagement sessions.

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6. Peter was asked to provide information and content for a quote he read out from 1965 – Mayor stating that the land would be protected in perpetuity
7. Comments regarding Bowker Creek:
  - a. Show location of the pipe on the map
  - b. Discussed clarifying how big the riparian setbacks were for Bowker Creek
  - c. Discussed expanding this setback as a potential action item

**Project Scope**

8. Discussion regarding the scope and what components of the Golf Course would be reviewed as part of this process:
  - a. Stormwater management (use of pesticides etc.) and effects on Bowker Creek (Golf course in two watersheds)
  - b. Natural areas within the Golf course
  - c. Biodiversity of the land, inventory of natural areas
  - d. Management of memorial benches
  - e. Management of the chip trail
  - f. Management of pets in the park (dogs)
  - g. Derby Road Trail
  - h. Communications with Golf Course as it relates to the above
  - i. There was a desire to embrace the whole thing – 'big' stuff: Cedar Hill Park with a Recreation Centre and Golf Course within
  - j. Vision and Plan to be a guiding document
  - k. Agreed not to discuss the day-to-day operations of the Golf Course (fees, greens and fairways).
    - a. Note: did not specifically discuss the clubhouse
  - l. Discussed having a Scope Statement to clearly define what the scope of the plan was.

**Stakeholders & P2 Plan Feedback**

9. Discussion regarding project Stakeholder list and draft P2 Plan
  - a. Importance of inviting Special Olympics group (baseball diamonds) to events



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- a. Additional comments about universal accessibility (e.g., wetland for all?)
- b. Consider Arts community (synergy)
- c. Add Youth engagement event (e.g., on-site events with Doncaster, Reynolds, Cedar Hill, and/or St. Michael's students)
- d. Have primary public event onsite in June (perhaps on date of actual anniversary of the park? -- if that works)
- e. Ensure communication with City of Victoria with regard to adjacencies
- f. Additional comment by Julie:
  - a. Older Adults (Areas surrounding the Recreation Centres are ideal locations for more user-friendly facilities such as paved/flat walking paths, benches, picnic tables etc.)
  - b. Add invitee for workshop to speak to needs of older adults with mobility issues

## **EXERCISE SUMMARY**

### **#1 Values**

- 10. The first exercise aimed to develop, share, and find common values about Cedar Hill Park and the development of the plan
- 11. Significant consensus was found on the top shared values, as follows:
  - a. Ecology / biodiversity / natural environment**
  - b. Community / community building / inclusivity**
  - c. Physical and social health and well-being**
  - d. Management Potential / future enhancement and potential**

### **#2a Issues / Opportunities**

- 12. The second exercise sought to identify issues and opportunities, specifically looking at common themes, and then looked to identify key questions that the plan could address, using the primer "How would we...?"
- 13. Key issues were generally clustered around the following themes:
  - a. Communication (e.g., poor internal/external communication, lack of a plan)
  - b. Management needs (e.g., budgeting, management clarification, shared goals)
  - c. Natural areas management (e.g., invasive species, historic wetland, replanting)

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- d. Design and amenities (e.g., no kids play areas, Finlayson interface area)
14. Key opportunities were generally clustered around the following themes:
- a. Natural areas and restoration (e.g., wetland complex, Audubon golf course)
  - b. Accessibility (e.g., multiuser spaces, accessible nature hub)
  - c. Education (e.g., watershed education, inclusion of wider community)
  - d. Amenities and art (e.g., more family use, more designed spaces, kids outdoors)
  - e. Management (e.g., redesign element of park management and responsibility)
  - f. Community building (e.g., new park users, collaboration, reflect community)
15. The “How would we....?” questions generated, which we meant to advance our thinking about the project scope, clustered around several key themes. These have been summarized in the following “How would we...?” questions:
- a. How would we address/maximize ecological health?
  - b. How would we balance recreation uses and natural areas?
  - c. How would we better design underutilized areas (e.g., south/southeast)?
  - d. How would we improve connectivity and accessibility?
  - e. How would we improve budgeting and utilizing potential funding sources?
  - f. How would we improve the management of the park and communication?
  - g. How would we build community through this plan and through the park, itself?
  - h. How would we work collaboratively and find shared values with different user groups?
  - i. How would we ensure a high quality process and learn from best practices?

**NEXT STEPS**

**Stakeholder Meetings**

16. The next Working Group meeting was proposed for the end of February or beginning of March – Julie to conduct another Doodle poll
17. Thursday evenings are the best for Jody; evenings are the best for Val Neaves

## Meeting Summary

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Evan Peterson, Barefoot Planning – Facilitator  
Julie Lommerse, Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon, Quadra Cedar Hill Community Association  
Barbara Latham, Friends of Cedar Hill Park  
Val Neaves, Mount Tolmie Community Association  
Jody Watson, CRD / Chair of Bowker Creek Initiative  
Gary Darrah, Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger, Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland, Cedar Hill Recreation / Golf Course  
Val Mieras, Cedar Hill Golf Club  
Karen Harper, Camosun Community Association

#### Absent

None

### PRESENTATION / DISCUSSION SUMMARY

#### Introductions

1. Roundtable introductions

#### Project/Process Review

2. Evan presented a review of the role of the Stakeholder Working Group
  - a. Inform the public process and the plan development
  - b. Meetings 1-3 are intended to set the stage for the Public Participation activities  
– not make decision about or write the plan
3. Group reviewed the draft Stakeholder List
  - a. List was reviews and additions were discussed/added

**Stakeholder Working Group Meeting #2**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
March 2, 2017

- b. Entire stakeholder list to be invited to main Public Event
  - c. Select 'key' stakeholder invited to Stakeholder Workshop (TBD)
4. Public Participation (P2) plan was reviewed and is proposed as follows:
- Working Group Meetings 1-3 (Jan-Apr)
  - Public Event, Survey, and Youth Engagement (May/Jun)
  - Stakeholder Workshop – by invitation (Jul/Aug)
  - Working Group Meetings 4+ (Sep-Dec)

Discussion

- a. Community Associations offered to share information about Public Event
    - Quadra Cedar Hill CA – newsletter deadline is March 30/17
    - Mt. Tolmie CA – newsletter deadline is April 1/17
    - Camosun CA – share online (no deadline)
  - b. Discussed having 'pop-up' events or information tables at one or more key community events (E.g., Music in the Park, Strawberry Festival, Canada Day Picnic), in addition to the single on-site Public Event
  - c. Suggested that a single, targeted event may be a more effective way to obtain feedback and use project resources
  - d. Suggested that the on-site location for Public Event could be in the open space behind the Rec Centre, adjacent to the path. Kings Pond was also suggested.
5. Reviewed Park Preservation Bylaw # 8718 (2206).
- Cedar Hill Park (along with other parks) is reserved for "the pleasure and recreation" of the public. This designation is protected under the Community Charter (local government legislation).
  - As per the Community Charter, this designation can only be changed with the approval of the electors.
  - Peter asked if any of the motions had been documented about previous requests made to have various elements placed in the park (they are noted in the history document Julie circulated to all)

**Discussion**

6. Project Scope

**Stakeholder Working Group Meeting #2**  
Cedar Hill Park Visioning and Planning Project

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March 2, 2017

- a. The project scope was discussed in length – and how to properly articulate what is “in” and what is “out”
  - i. High-level suggestions included “shared” versus “private” spaces or “facilities” versus “operations”
  - ii. Discussed difficulty of the “active” golf course and what that meant
- b. It was agreed that the Project Scope would include the entire park
  - i. The following elements were agreed to be **included in the Project Scope**:
    - Creek as it passes thorough the Golf course and park areas, with a particular focus on watershed management and creek daylighting
    - Expansion of services offered to the public at the Golf Club House
    - Location of potential future expansion to Recreation Centre building
    - Parking areas at Kings Pond
    - Parking areas off Finlayson
    - Chip Trail
    - Natural Areas throughout the park (coordinated management)
    - Baseball Fields area
    - Hill between McRae House and Recreation Centre
    - Other green space not used for active golf
    - E/W connector trail (at Derby Rd)
    - Kings Pond
    - Golf course management practices as it relates to natural areas, Garry Oak stands, and Reach 17 (e.g., fertilizer use and best management practices)
    - Areas that are shared between general public, golfers, and recreation centre patrons
  - ii. The following elements were agreed to be **excluded in the Project Scope**:
    - Golf Course business management, buildings, and parking lot (except for items noted above)



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- Design and location of the active Golf course (e.g., number of holes, layout of fairways and green), except as indirectly impacted by items noted above
  - Storage sheds
  - Recreation Centre business management, buildings, and parking lot (except for items noted above)
- c. Discussed the appropriate title, colour, and whether or not to separate demarcate the “Open Space” area shown on the current map
- i. Agreed to change colour and label as “Ball Fields”
- d. Discussed the problematic use and differing connotations/understandings of the terms “developed” (e.g., developed park area) and “development” (e.g., park development); alternative suggested terms include *use*, *designed*, *programmed*

**Meeting 1 Outcomes Review**

7. Reviewed and discussed the draft **Project Values** outcomes from Meeting 1
- a. Group agreement on the following key values to take forward to the public for feedback
- i. Natural Environment
  - ii. Community Building
  - iii. Physical and Social Well-being
  - iv. Potential for the Future
8. Reviewed and discussed outcomes of the **Issues** exercise from Meeting 1
- a. Group agreement on the following key issue areas to inform public consultation questions, etc.
- i. Communication and Planning Challenges
  - ii. Management Challenges
  - iii. Natural Area Management
  - iv. Park Design and Recreational Amenities
- b. Based on discussion, Management ‘Needs’ changed to ‘Challenges’
9. Reviewed and discussed outcomes of the **Opportunities** exercise from Meeting 1

**Stakeholder Working Group Meeting #2**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
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- a. Group agreement on the following key opportunity areas to inform public consultation questions, etc.
  - i. Natural Areas and Restoration
  - ii. Accessibility and inclusivity
  - iii. Community Building, Capacity Building, Education
  - iv. Amenities and Programmed Spaces
  - v. Management Coordination and Improvement
- b. Based on discussion, 'Management' changed to 'Management Coordination and Improvement'
- c. a) Example of an amenity that may not have been discussed at the last meeting was an N/S cycling connection through the park

**Group Exercise**

**Values to Vision**

- 10. Explore a broad range of ideas for the future of Cedar Hill Park that would reflect the 4 key values identified
  - a. Summary of group outcomes

**i. Group #1**

Top Ideas

- "The Entrance" to Saanich – along Finlayson
  - More welcoming entrance to the park
  - Not just a parking lot
  - The way into the park
- More flowering bushes and hanging baskets
- Daylight and beautify Bowker Creek
  - Safely (not encouraging people to walk across the Golf course)

Other Ideas

- Picnic Tables and Memorial Benches all the way around the Chip Trail
- Exercise areas around the Chip Trail

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March 2, 2017

- Washroom near Kings Pond
- Extend Park to include all of Kings Pong (aka Kings Pond Park)

**ii. Group #2**

Top Ideas

- Art and Ecology
  - Interactive art in the landscape to attract children into nature
  - Painting locations
- Restoration of the Creek and Wetlands
  - Introduce some boardwalks etc.
- Enhanced Walking Circuit around Park
  - Less steep grades on flat areas in the south portion of the park for Older Adults
  - Stations along the route with Natural play stations for Children
  - Station at Kings Pond so people can interact with the Ducks
  - Exercise Stations
  - Seating and Socializations opportunities
  - Create link front from of Recreation Centre (Parking area) to Natural area behind

Other Ideas

- Enhanced entrance along Finlayson

**iii. Group #3**

Top Ideas

- Enhance watershed and natural areas
  - Provide Education and access
  - Accessible pathway (universal) with Interpretive signage and wildlife viewing areas
- Celebrate indigenous heritage and current cultural diversity
- Intergenerational Use

**Stakeholder Working Group Meeting #2**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
March 2, 2017

Other Ideas

- Outdoor performance space
- Sculpture gardens
- Integrate Art Space with Natural Areas (for courses? or public art?)
- Flexible social spaces

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Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Val Neaves (VN), Mount Tolmie Community Association  
Jody Watson (JW), CRD / Chair of Bowker Creek Initiative  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Val Mieras (VM), Cedar Hill Golf Club  
Karen Harper (KH), Camosun Community Association

#### Absent

None

### PRESENTATION / DISCUSSION SUMMARY

#### Introductions

1. Welcome to Luis Netter – replacing Barb Latham as representative for Friends of Cedar Hill Park
2. Roundtable introductions

#### Discussion & Review

3. Agenda
4. Takeaways and Outcomes from Meeting #2
  - a. EP observed passion for the park – comments from group re Meeting #2 being lively (and at times heated) but informative and largely productive.



**Stakeholder Working Group Meeting #3**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
April 30, 2017

- b. EP checked-in and confirmed that the group was satisfied with outcome of Scoping discussion.
- c. EP noted how language can be misinterpreted and have different meanings for different people. Members were asked to seek clarification to ensure understanding (and discuss alternative wording/phrasing).
- d. Meeting summaries will be issued in draft. Members will be given one week to note any requested changes directly to EP. EP will issue final summary, noting any changes made.
- e. Outcomes from the Meeting #2 Exercise were summarized
  - a. Brief discussion around ensuring we discover/identify issues and challenges (e.g., garbage) in the park, not just opportunities.
  - b. Brief discussion on addressing (universal) accessibility, particularly in areas around the Recreation Centre (e.g., difficult for those with mobility issues to access the park by going around the building) and southeast corner of CHP.

**Developing the Ideas Fair**

- 5. Discussion about which day of the week for the event and whether one meeting would be sufficient
  - a. Majority of group agreed on Thursday, June 8, within the window of 4-8pm at the Recreation Centre
    - i. Concerns expressed over whether one event would be enough, and what would be considered a successful event (e.g., how many participants).
    - ii. GD noted that every project is different and hard to quantify what constitutes a successful or expected outcomes. (Note that a subsequent email discussion has ensued on this topic.)
  - ii. Majority of group agreed that if, in spite of the below promotional efforts, the response to the survey and Ideas Fair were poor, then the SWG would discuss the merit of holding another event.
- 6. Discussed Ideas Fair promotion and logistics
  - a. Postcards advertising the online survey and Ideas Fair to be produced by Saanich, and then Community Associations can deliver to members as well as distribute at various events they may be involved with.
  - b. Posters advertising the event to be located in the park, as well as at the Rec Centre and Golf Course

**Stakeholder Working Group Meeting #3**  
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Cedar Hill Recreation Centre  
April 30, 2017

- c. Ads to be placed in Saanich News
- d. Notifications to go out via the Parks & Rec e-Newsletter, Facebook Page, and on the Saanich Events page
- e. All stakeholders identified by the SWG and immediate neighbours of the park will receive direct notification of the Ideas Fair and online survey
- f. Display boards from the Ideas Fair as well as the online survey would remain on the Saanich Parks website for one month (virtual Ideas Fair)
- g. Hard copies of the survey would be made available at the Recreation Centres, at the Ideas Fair, and distributed through the Community Associations. Completed 'hardcopy' surveys can be dropped off at any Recreation Centre or the Parks office. The info will then be input into the online survey program by Saanich clerical staff.
  - i. It was noted that online participation should be encouraged, as it's less resource intensive (time and paper)
- h. Stakeholder Working Group members are not required to attend the Ideas Fair but are welcome to attend and participate
- i. Primary role of Stakeholder Working Group is to help advertise the event and promote the survey
- j. Possibility of Friends of CHP to host a 'pop up' tent along the path to facilitate survey uptake – Saanich can provide tent, postcards, and hardcopy surveys
- k. Suggested that Bowker Creek Reach 17 restoration information be included at the Ideas Fair and Virtual Ideas Fair online
- l. Display boards and questions will be circulated to the Working Group for comments. Comments are to be sent to Evan directly – not "reply all"
- m. Julie to look into using iPads/tablets to facilitate online survey participation at the Ideas Fair
- n. Agreed that any context Display Boards and survey should clearly articulate what is in and out of scope, so that we do not create false expectations (e.g., not looking to change the golf course)
- o. Side comment/discussion: Do we know how many people use the trail? Should someone install a trail counter?
- p. Side discussion: What does the vision doc look like?
  - i. How specific, how broad?

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Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
April 30, 2017

- ii. High-level directions, yes, but needs to be specific enough to implement
- iii. Agreed to park this decision/discussion until after public/stakeholder participation phase
- iv. JW – Concept Drawing for Bower Creek needed

**Group Exercise**

**Brainstorming Questions for the Ideas Fair and Survey**

**7. Group 1 Ideas**

- a. Vision of natural spaces in 10 years?
- b. What is your vision for CHP in 20 years?
- c. What do you want to do in the park?...top three things
- d. What is the most important thing you appreciate about the park?
  - i. Green and Natural Open Space
  - ii. Trails
  - iii. Arts
  - iv. Rec
  - v. Golf
- e. Is stewardship (caring) adequate?
- f. How important is conservation/restoration of natural areas to you? Rate 1 to 5
- g. What kind of educational opportunities are important to you in CHP
  - i. Physical Activities
  - ii. Natural History
  - iii. Indigenous History
  - iv. Health and Wellness
  - v. Ecology
  - vi. Signage
  - vii. Other?
- h. How important is the watershed/creek to you?

**Stakeholder Working Group Meeting #3**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
April 30, 2017

- i. Do you know that Reach 17 is in the park?
- j. What do you know about the park?
- k. Stormwater Management

**8. Group 2 Ideas**

- a. What activities do you do/draws you to the park?
- b. How would you like to see changes to the natural feel of the park?
- c. What would you like to do in the park that you currently cannot?
- d. How can the park be improved?
- e. Should community/commuter connections be changed or improved? or developed?
- f. What can we do in the park to better connect/bring people together? Informally?
- g. How can we strengthen the cultural aspects of the park?
- h. What do you see as the focal point of the park?

**9. Group 3 Ideas**

- a. Do you favour maintain current natural states, or used for specific activities? [not the right wording]
- b. How could trail/creek enhancements occur while maintaining the 18-hole golf course?
- c. How do you use the park?
- d. What do you wish was available at the park?
- e. Thinking about the SE corner (behind the Recreation Centre), would you like to see changes to this area? Uses? Activities?
- f. What are your ideas for improving Bowker Creek and wetlands within the park? ....improving Kings Pond?....other natural areas and ecosystems?
- g. What are your ideas (w.a.y.i.) for the park entrance? Parking area off Finlayson?
- h. How can accessibility be improved?
- i. Where is accessibility currently a challenge
- j. Should we retain future flexibility for Rec Centre expansion?

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### ATTENDANCE

#### Present

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Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Val Neaves (VN), Mount Tolmie Community Association  
Jody Watson (JW), CRD / Chair of Bowker Creek Initiative  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Mick Goodger (MG), temporary sub for Val Mieras, Cedar Hill Golf Club  
Al Lubkowski (AL), Camosun Community Association

#### Absent

Val Mieras (Mick Goodger attended in place)

### PRESENTATION / DISCUSSION SUMMARY

#### Introductions

1. Welcome to Al Lubkowski, replacing Karen Harper as rep for Camosun CA
2. Welcome to Mick Goodger sitting in for Val Mieras as rep for Cedar Hill Golf Club
3. Intros included a sentence about something unexpected that everyone heard/saw at the engagement events. For example (paraphrased):
  - Everything is inter-related, and the way people use the park directly impact the physical spaces
  - Amount of support for daylighting the piped sections of Bowker Creek
  - Different directions the park is pulled, and the diversity of people who use it



**Stakeholder Working Group Meeting #4**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
Nov 6, 2017

- How some of the items are overlapping with other Saanich plans (Active Transportation, Older Adult Strategy and Youth Strategy) and how the same items are coming up in
  - Key issues are percolating to the surface
4. Agenda was reviewed
  5. Takeaways and Outcomes from Public and Stakeholder Engagement Events were reviewed:
    - a. Park Strengths
    - b. Park Weaknesses
    - c. Strong Support for the Documented Values (created by Stakeholder Group prior to the Ideas Fair)
      - Preserving the Natural Environment
      - A Place for Physical and Social Well-being
      - Building community
    - d. Emerging themes
      - Protection and Restoration of the Sensitive Ecosystems and Riparian Areas
      - Connectivity/mobility in the park
      - More amenities for all ages – for play/exercise and gathering
      - Park Management
      - Out of Scope Items

### Discussion

6. General discussion around the **golf course and scope**. In summary...
  - a. AL asked about a “more aspirational” plan that “includes” the golf course
    - i. GD confirmed Council direction to retain golf course for foreseeable future
    - ii. Group agreement that 18 holes are to remain for now
  - b. JW noted that “out of scope” is a problematic term and does not reflect intent – operations and uses in the golf course, chip trail, and recreation centre are to remain
    - a. All agreed, and JL pointed out that we agreed “operations” are out of scope

**Stakeholder Working Group Meeting #4**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
Nov 6, 2017

- b. All agreed that items such as Audobon status and natural areas management within the golf course lands are “within scope” of the plan
  - c. Discussion about changing golf course would require a different process/plan
  - d. Consensus around protection of green space if/when golf course were to be removed or reduced
  - e. Group agreed that the final plan would include a section, subsection, or appendix that represents the ideas heard re the replacement of the golf course
    - i. AL agreed to this approach
- 7. EP presented revised **workplan and timeline**, including developing a preliminary report to Council re the type of plan to be developed and a vision for the park
  - a. Phase 1:**
    - i. Develop a Vision Statement
    - ii. Determine the Type of Plan to pursue for the park
    - iii. Ask public for feedback on these items (focus on vision)
    - iv. Take to council for direction and support in March 2018
  - b. Discussion:
    - i. March may be too ambitious so target the Spring to go to Council
    - ii. Staff Report to be circulated to group before submitting to Council
    - iii. SWG to meet approximately three times before report is developed
  - c. Phase 2:**
    - i. Draft the plan (based on decision from Phase 1)
    - ii. Prepare an implementation budget
    - iii. Ask for feedback from the public
    - iv. Depending on the plan prepared -- take to Council for endorsement
  - d. Discussion:
    - i. Agreed that this approach would help build trust in the community and that the phase approach was the best way to proceed
- 8. Discussed other items that were raised prior to the meeting – which were largely addressed in the discussion at #6 above

**Stakeholder Working Group Meeting #4**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Recreation Centre  
Nov 6, 2017

- a. AL agreed that “out of scope” items are to be included in a section or appendix of the plan
- b. PH stated that he was now happy with the Terms of Reference
  - i. Wants to ensure community/social values and principles are part of the plan, not just physical elements
- c. PH stated that he was also happy with the SWG role moving forward as well as their involvement with preparing the initial report for Council

## Meeting Summary

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*Meeting Summary updated January 11, 2018 – see content in green*

### ATTENDANCE

#### Present

Evan Peterson (EP), Barefoot Planning – Facilitator  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Val Neaves (VN), Mount Tolmie Community Association  
Jody Watson (JW), CRD / Chair of Bowker Creek Initiative  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator (to replace JW eventually)  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Val Mieras (VM), Cedar Hill Golf Club  
Al Lubkowski (AL), Camosun Community Association

#### Absent

N/A

### PRESENTATION / DISCUSSION SUMMARY

#### Introductions

1. Welcome to Kitty Lloyd, CRD Bowker Creek Initiative Coordinator, who is transitioning into the group as an eventual replacement for Jody Watson
2. Agenda was reviewed

#### Discussion

3. Reviewed outcomes of last meeting, including the updated Workplan and Scope, which led to subsequent discussions...

**Stakeholder Working Group Meeting #5**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Golf Clubhouse  
Dec 5, 2017

4. CI circulated a document (see attached updated version) attempting to clarify what the “Operational” (and so out of scope) aspects of the Recreation Centre and Golf Course are
  - a. It was explained that CI manages three separate entities (Golf Course, Recreation Centre, Chip Trail), of which the Golf Course and Recreation Centre business entities and their **current** operations are out of scope.
    - i. A number of clarifying comments were made with regard to scope, such as JL noting that recreation programs and services managed by the Recreation Division are out of scope (suggested edits by JL and PH/AL/LN); and PH and EP noting the importance of “current” operations being out of scope (i.e., the plan could presumably impact that long-term operations of the park)
  - b. SWG members felt that costs relating to the maintenance/upgrading of chip trail and environmental aspects of the golf course and any other park related items should be in scope
    - i. Wording of item #2 change to “current budgets”, as it was assumed that the plan could/would influence future budgets
  - c. SWG members expressed concern regarding the term ‘future development and expansion’, in item #5, but it was explained that this referred to program services and not physical buildings or structures. It was suggested that the wording of this items could be clearer. It was explained that if buildings were ever expanded it would be subject to a public process
  - d. Item #7 (governing policies, procedure and bylaws) was discussed, and it was agreed that this statement was unclear and that Saanich’s high-level, governing policies were beyond the scope of this project
  - e. PH confirmed with the group that there was consensus about CI’s revised Operations list, which is attached to this summary.
5. Within the above discussion, JL reviewed the rezoning of the Golf Clubhouse and Pro Shop, which went to Council in November and was forwarded onto the Agricultural Land Commission for review. Several SWG members had raised this issue over the previous weeks
  - a. AL expressed concern over the lack of clarity of the purpose of the rezoning and suggested that it was inappropriate to link the use of the space in the Golf Clubhouse to a specific need that has yet to be considered by Council and the community (suggested edits by AL/PH/LN)



6. AL presented some ideas (see attached document) on how the planning process could address a “status quo” and a “what if” scenario, in order to more fully consider the prospect of the golf course closing
  - a. Group members offered a variety of points of view. In closing, it was agreed that planning around the possibility of the golf course closing was somewhat counterproductive as no one can accurately predict the future of the golf course (suggested edits by PH/AL/LN and JL)
  - b. VM noted that Saanich has invested heavily into the Golf Course and that it was doing very well – with the closing of Prospect Lake and Royal Oak courses; the banquet room is also being rented regularly, and the club has just received a bequeath to develop the Junior Program
  - c. It was agreed that we would stick to the previous decision which was to have an appendix to the plan (TBD) which presents the ideas that the community have for the golf course, in order to inform future processes and inform staff/Council of these outcomes. Some members expressed a preference for this content to be included as a standalone section of the plan.
  - d. It was also pointed out that, should the Golf course ever closed, a public process would ensue

### Working Session

7. SWG undertook individual, small group, and then plenary brainstorming exercises and discussion to generate ideas for the CHP vision statement, which the group intends to take to Council in the Spring
  - a. The ideas generated are attached in a separate document
  - b. It was pointed out that a vision is typically short and concise and that it is the ‘what’ of the plan, not the ‘how’; it tends to be future-oriented and aspirational, yet written in the present tense.
8. It was decided that:
  - a. EP would synthesize all of the vision input and craft a preliminary draft vision statement, which would then be circulated to the SWG for comment (1-2 week turnaround)
  - b. The SWG would then provide feedback back to EP (1-2 week turnaround)
  - c. EP would then produce a second draft to be circulated to both the Community Associations as well as the attendees of the Ideas Fair and Stakeholder Workshop for feedback (2 week turnaround)

**Stakeholder Working Group Meeting #5**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Golf Clubhouse  
Dec 5, 2017

- d. EP would then produce a third draft based on this feedback to be brought to the next SWG meeting for review
- 9. The next meeting was proposed to be held at the end of January, 2018

## MEETING #6 SUMMARY

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Evan Peterson (EP), Barefoot Planning – Facilitator  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Val Neaves (VN), Mount Tolmie Community Association  
Jody Watson (JW), CRD / Chair of Bowker Creek Initiative  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator (to replace JW eventually)  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Val Mieras (VM), Cedar Hill Golf Club  
Al Lubkowski (AL), Camosun Community Association

#### Absent

N/A

### PRESENTATION / DISCUSSION SUMMARY

#### Introductions

1. Agenda was reviewed

#### Discussion

2. Reviewed Meeting #5 Summary and discussed decision to remove “governing policies, procedures, and bylaws” from the Operations (scoping) List.
  - a. In summary, it was agreed by all that this item would be removed from the revised Operations List for clarity.

## Stakeholder Working Group Meeting #6

January 25, 2018 – Saanich Muni Hall

Cedar Hill Park

Visioning and Planning Project

- b. GD observed and others agreed that the project would focus on the future of CHP and that the plan would be the platform to address any potential recommendations for Council's consideration.
  - c. More than one SWG member appealed to all members to "trust" each other in terms of each other's intentions and the project process.
3. In light of the above conversation, reviewed updated Operations List and PH suggestion to sign and date it.
- a. All members agreed with the updated list based on changes discussed at Meeting #5.
  - b. Group agreed that signing/dating the document was unnecessary and having group consensus was sufficient.
  - c. Members generally agreed that these two matters had been discussed extensively and expressed a desire to close the conversations and move on.

### Working Session – DRAFT Vision

4. Discussed Draft Vision Statements (v2) that were circulated by EP on January 11/18.
- a. SWG members shared feedback received when circulating to their respective groups.
    - i. See Item 8 for a summary of related discussion.
  - b. Then, each SWG member expressed their preferences: The majority preferred the longer version and various preferences for phrasing and wording were expressed.
  - c. The wording of the longer version was then discussed and revised as per the following:
    - i. *Cedar Hill Park balances nature, community, and recreation in a harmonious way. People, place, and the environment share an intimate connection that fosters mutual health and well-being. We are all stewards of the park, committed to its long-term preservation and enhancement.*
  - d. SWG came to consensus on this wording and agreed that this is a DRAFT Vision Statement and that there would be future opportunities for refinement.
5. It was agreed that the DRAFT vision will be [a] posted to the project website as well as sent to all individuals who attended the Ideas Fair and Stakeholder Workshop for information, with a caveat that should anyone have any comments or concerns they are to contact Julie; [b] forwarded by SWG members to their respective associations for information with the same caveat – should they have comments or concerns they

## Stakeholder Working Group Meeting #6

January 25, 2018 – Saanich Muni Hall

Cedar Hill Park

Visioning and Planning Project

would get back to their representative; [c] presented to PTR at their next meeting on February 22, 2018 for feedback; and [d] reviewed at SWG meeting #7 for the final time before being presented to Council.

### Working Session – What We Want the Plan To Do

6. EP led the group through a preliminary discussion to inform the decision and related content about the Type of Plan that would be presented to Council for consideration.
  - a. SWG members discussed the primary functions, key components, and what the plan should *not* do (see attached list of ideas generated).
  - b. SWG discussed whether a general outline of plan topics would be included in the report to Council. No final decision was made; however, it was agreed that EP would draft the initial content for the SWG to review at the next meeting.
  - c. EP suggested that, considering what we have heard, the type of plan may be a “Management Plan” that addresses a broad range of topics in varying levels of detail – both specific and short-term and high-level and long term.

### Other Items

7. **Public Art** JL announced that a piece of public art commemorating Canada 150 is being commissioned for Saanich. Cedar Hill Recreation Centre/Park has been selected by the jury as one of the potential sites for this art. Attached is a link to this project which is being managed by Saanich Planning. The art piece and the exact location has yet to be determined.

<http://www.saanich.ca/EN/main/parks-recreation-culture/arts/public-art/current-public-art-competition.html>

8. **Communication** SWG briefly discussed communications between SWG meetings by SWG members; e.g., proposals and ideas generated by members between meetings.
  - a. SWG agreed that ideas and proposals should be discussed by all members of SWG prior to being sent out a wider audience. These discussions should ideally be tabled at the next SWG meeting, but, if time sensitive, then they can be circulated via email to the entire SWG for comment.
  - b. SWG agreed that brainstorming between members and generally generating ideas – versus making decisions – was acceptable and even encouraged in some cases. Moreover, EP confirmed that members could collaborate to send back feedback on, for example, meeting summaries.
9. **Proposed Plaque** with Vision Statement in the park (Peter)

## Stakeholder Working Group Meeting #6

January 25, 2018 – Saanich Muni Hall

Cedar Hill Park

Visioning and Planning Project

a. This item is tabled to Meeting #7

10. **Proposal** regarding the information reported regarding the Golf Course (Al, Peter and Luis as per handout presented at Meeting #6)

a. This item is tabled to Meeting #7

11. **Next Meeting** SWG agreed that the meeting will be held at the end of February soon after the next PTR Meeting. A Doodle Poll will be conducted to determine the date.

## Meeting Summary

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Evan Peterson (EP), Barefoot Planning – Facilitator  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Jody Watson (JW), CRD / Chair of Bowker Creek Initiative  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Val Mieras (VM), Cedar Hill Golf Club

#### Absent

Al Lubkowski (AL), Camosun Community Association  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator (to replace JW eventually)  
Val Neaves (VN), Mount Tolmie Community Association

### PRESENTATION / DISCUSSION SUMMARY

#### Review

1. Review of Meeting #6 summary notes
  - a. All members were in agreement with the revisions made to the Meeting #6 Summary. A brief discussion took place as to the background behind members circulating their own version of the Vision to their respective community groups. It was explained that the intended outcome was not to undermine the process but was to make sure all members were accommodated.
2. Review of Draft Vision Statement

**Stakeholder Working Group Meeting #7**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Golf Clubhouse  
Feb 27, 2017

- a. Since the last meeting, the following DRAFT Vision Statement was circulated to the Parks Trails and Recreation Advisory Committee and posted on the Saanich website.
  - i. “Cedar Hill Park balances nature, community, and recreation in a harmonious way. People, place, and the environment share an intimate connection that fosters mutual health and well-being. We are all stewards of the park, committed to its long-term preservation and enhancement.”
- b. No concerns were expressed by the various parties and all agreed that the circulated DRAFT Vision Statement reflected the values of the community and was therefore ready to forward to council.
- c. JL confirmed that Parks did not hear any additional feedback from the public.

**Working Sessions**

3. Discuss Draft ‘Plan’ Document

- a. Review Management Plan doc circulated by EP.
- b. Group agreed that the type of plan to pursue for the park would be a Park Management Plan with master plan elements.
  - i. This mix would then provide a long-term road map on a diverse range of topics and provide a spatial layout for general aspects of the park. The plan will then recommend that more detail work be done in the future as it relates to certain elements (e.g. Bowker Creek, play spaces, natural areas etc.)
- c. Parks announced that Phase 1 of the process was now complete and that Phase 2 – the development and writing of the plan – would commence.
  - i. The approach will be to take all the data and comments collected to date and write a first draft of the plan over the next several months and then bring it back to stakeholders once complete.
  - b. PH expressed significant concern about [a] possibility of SWG involvement ending, [b] not be included in the actual writing of the plan, and [c] a perceived uncertainty over the next steps. However, the majority were in favour of Parks staff taking on this task and being able to comment on it once a draft is complete.
  - iii. It was agreed that the preliminary Draft would be circulated and discussed with the SWG members prior to it being circulated to the wider public.
- d. JL will work on the first draft and continue to consult with individuals/groups as required.



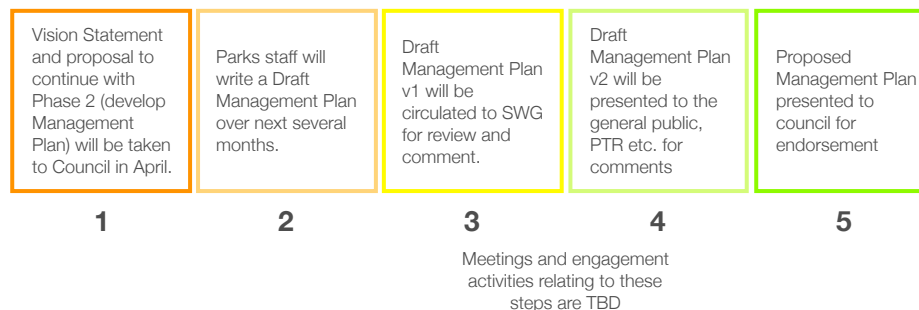
**Stakeholder Working Group Meeting #7**  
Cedar Hill Park Visioning and Planning Project

Cedar Hill Golf Clubhouse  
Feb 27, 2017

- d. Questions arose about the budget for the park, and it was explained that there was not a specific budget for Cedar Hill Park but that maintenance costs came out of both the Parks as well as the Cedar Hill Campus Operation budgets.
  - i. Specific project work in parks is typically requested via Capital Budgets which is approved annually by council.
- e. Questions arose regarding the continued work Pulling Together volunteers do in the natural areas of the park. It was explained that projects and programs would continue in the park – it is hoped that the new plan would support the work being done in the park.
- f. The group asked that an outline be prepared for the work to come – which has been noted in the ‘Next Steps’ section of this summary.
- d. Discussion of Emerging Themes/Key Topics
  - a. The emerging themes and key topics that the group developed throughout Phase 1 will be the basis for the plan since it reflects the values of this group and the greater community.
  - b. EP and the group were congratulated on their work as the values and themes developed via this process are all very logical and sets up the general outline for the plan.
  - c. It was noted that the plan will also be linked with other relevant documents completed by the municipality such as the Local Area Plan, Parks and Recreation Masterplan etc.
    - i. The importance of connecting the CHP plan to and potentially having influence on the Active Transportation plan was discussed.

### Next Steps

5. The proposed next steps of the process are as follows:



### Other Items

6. Proposed plaque for the park (Peter)

- a. Peter explained that he felt it would be fitting to place a plaque in the park that features the Vision Statement. It was decided that it was premature to pursue this idea and that perhaps this idea could be considered when areas in the park are being enhanced.

7. Report to Council regarding the Golf Course (Peter, Al and Luis)

- a. It was explained that this was developed in response to Al's concerns about the Golf Course. Julie will review and consider these points when writing of the Draft Plan.

8. Naming and Signage of the Recreation Centre (Peter)

- a. It was explained that the naming and signage of the Recreation Centre was referred by council to this process however, it was noted that this is part of the operations of the Recreation Centre, so is therefore out-of-scope. Carol explained that the idea came about because the Recreation Centre sign was damaged in a wind storm and it was suggested that when a new sign is installed and that the name also references the art centre. Peter explained that he and others would like the word 'community' to also be considered in the name. Carol explained that the Recreation Centre staff will be looking into the matter in the future so community members should contact her or him to ensure their ideas and thoughts are heard.

9. Public Art in Cedar Hill Park

- a. JL updated the group that Cedar Hill Park has been selected as the location for the juried public art piece commemorating Canada 150. The exact location has yet to be confirmed but the area Saanich Planning is considering is just off the trail near the corner of Finlayson and Cedar Hill (just south of the foot bridge).

### Next Meeting

10. TBD once the first draft of the CHP management plan was prepared and ready for circulation (tentatively Fall 2018).

## Meeting Summary

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### ATTENDANCE

#### Present

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Val Neaves (VN), Mount Tolmie Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Eva Riccius (ER), Saanich – Senior Parks Manager  
Leigh Urquhart (LU), Camosun Community Association

#### Absent

N/A

### PRESENTATION / WORKING SESSION / DISCUSSION SUMMARY

#### Welcome to New Members

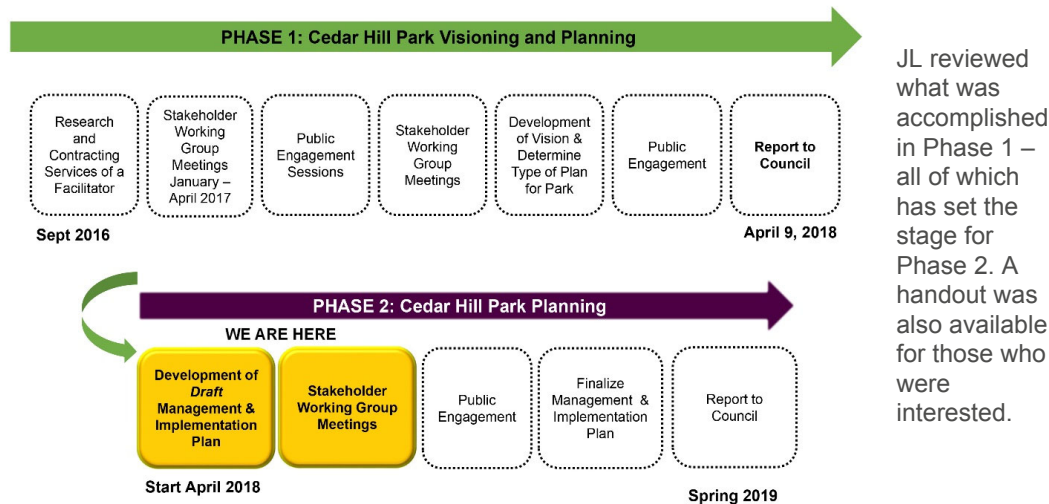
Members introduced themselves including two new members: Natalie Bandringa and Leigh Urquhart.

#### Introduction

ER welcomed the group to Phase 2, which will build on the work of Phase 1.

#### Where we're at and what we accomplished in Phase 1

Updated timeline was shared with the group.



The accomplishments included:

- Decided a **Park Management Plan** would be developed for the park
- Developed a Park **Vision Statement**
- Developed a set of **Park Values**
- Developed a set of **Issues/Opportunities** that then developed in to **Emerging Themes**
- Engaged with over **800** members of the community
- Defined **Out of Scope Items**
- Discovered **Strengths** and **Weaknesses** of the park

### Working Sessions

Group was divided into two and GD and ER facilitated the group discussions. It was explained that for each working session people were to reflect back on what we heard from the public in Phase 1 (summaries were circulated in advance of the meeting and SWG members were reminded that all comments received from the public are located on the project webpage). Comments made in the sessions are as follows:

#### 1. Table of Contents

##### ***Contents of the Report:***

- Can 'Communications with Community' be more prominent - perhaps at the beginning of the Park Management Section rather than at the end?
- Restoration of Natural Areas seems to be missing (perhaps needs to be a bulleted item under Environmental Management and Restoration)
- Add Enhance Natural Areas including 'Open Green Space'
- How to weave the benefits of nature into the document without it have a specific section? Perhaps in the Introduction?
- Context of park in the wider system (greenways/Bowker Creek)
- Include a chapter on Implementation and Costing

##### ***Format of Document***

- Preferred Option 2 as it provides more context

- Keep Saanich Bylaw, Policy and Planning document framework section in the appendix
- The document is intended to be a living document and help with future management
- Have a separate Executive Summary
- Ensure that there is a Conclusion
- Move 'Encroachment' to the Park Management section
- Perhaps revise the Theme 'Connectivity and Mobility in the Park' to 'Mobility and Access in the Park'
- Ensure we know who the audience is (staff, council and the community).

***Missing Sections***

- Public safety and security
- Fire response
- Camping

**2. Proposed Action Items for Environmental Management and Restoration**

***Item 1.1 Reach 17***

- Short term 'H' – do design and look for funding
- Develop concept plan

***Item 1.2 Kings Pond***

- Short term 'H'
- Need a plan which also reflects climate change (re: pond eventually drying up)
- Add 'Implementation' to this
- Turtles in the pond are an invasive species

***Item 1.3 Invasive Species Removal***

- Short term 'H'
- Change name from Invasive species Removal to Natural Areas Preservation and Restoration
- Move to Park Management?

***Item 1.4 Encroachment***

- Ongoing 'L' – move to Park Management?

***Item 1.5 Audubon Certification***

- Short term 'H'
- What are the Audubon BMP's regarding the use of herbicides and how will that impact restoration

**3. Proposed Actions Items for Connectivity and Mobility in the Park**

***Item 2.1 Parking Lots and Entrances***

- Finalyson Parking Lot – needs to be in cooperation with Bowker Creek Planning
- Ensure there are rain gardens as part of the Bowker Creek Plan
- Do we need the upper parking lot?
- Parking Lots are transition spaces (car to pedestrian)

***Item 2.2 Cycling Connections***

- Derby road needs to be fixed – multi-use
- N/S route needs careful design to separate cyclists from others
- Consider outside connection (through the townhouses?)
- Perhaps rename this section 'Multi-use trails'
- Add safety and conflict management on Derby and NE corner of the park

- It is not only cyclists who need to exit the parking lot but there also needs to be safe routes for pedestrians and golfers to access the facilities

***Item 2.3 Accessible Trails***

- How to address the very steep sections for pedestrians

**Next Steps**

Over the next few meetings, we will discuss the other two themes: 'Recreation, Play and Gathering Spaces for all Ages and Abilities' as well as 'Park Management'. It was suggested that we tackle only one theme per meeting. At the next meeting, we will complete the discussion on Connectivity and Mobility in the Park as well as discuss Recreation, Play and Gathering Spaces.

**Public/Community Engagement for Phase 2**

Public engagement will be part of Phase 2. This group will help to determine what type of engagement activities would best serve the community. PH stated that he was encouraged by this plan of action. Two suggestions were made which included:

- Hold a Stakeholder Workshop so that diverse interests are represented
- That we discuss possible established IAP2 public engagement tools and activities for consideration

It was clarified that members are able to discuss items with their membership and to bring ideas back to the SWG for discussion. It was also explained that it was the responsibility of SWG members to encourage their membership to participate in future public engagement activities.

**Next Meeting**

TBD via a Doodle Poll. Due to upcoming vacations etc. the only possible dates included December 12-18 or after Jan 13, 2019.

## Meeting Summary

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### ATTENDANCE

#### Present

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
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Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Val Neaves (VN), Mount Tolmie Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Eva Riccius (ER), Saanich – Senior Parks Manager  
Leigh Urquhart (LU), Camosun Community Association

#### Absent

Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator

### PRESENTATION / WORKING SESSION / DISCUSSION SUMMARY

#### Welcome

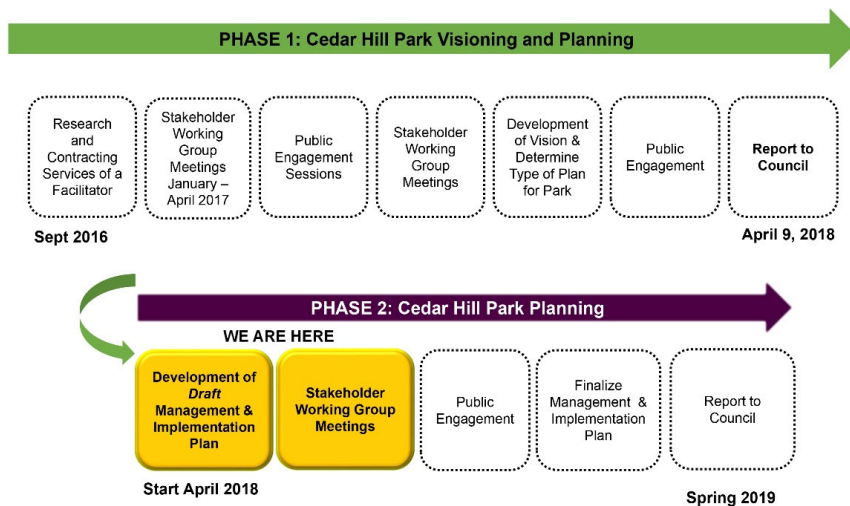
Happy New Year to all.

#### Update on Reach 17

JL welcomed Craig Sutherland who is an engineer with Kerr Wood Leidal Consulting Engineers. KWL was contracted by the district to do a technical review of Reach 17 and performed a hydrological assessment of two alternatives for restoration work in the park, reviewing the result those improvements would make to the Bowker Creek Watershed. His presentation was received for information. Saanich's internal technical review group will be examining the data and provide feedback. Once KWL's report is finalized, it will be circulated.

#### Where we're at

Timeline was reviewed (no change since November 2018).



### Working Sessions

Group was divided into two and GD and ER facilitated the continued group discussion on:

#### Proposed Actions Items for Connectivity and Mobility in the Park

##### **Item 2.1 Parking Lots and Entrances**

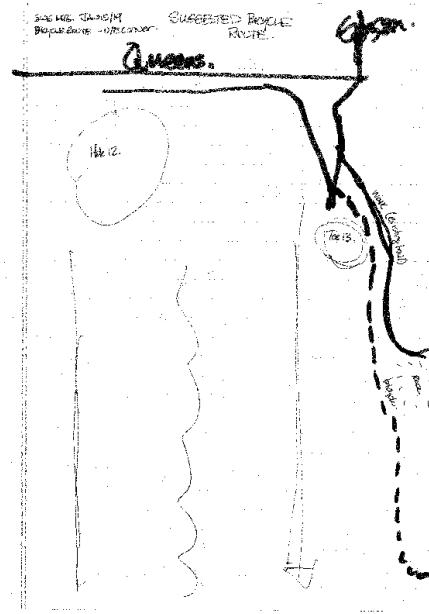
- Improvement to parking lots in general (see next bullet) is a low priority but if/when they are improved they should be brought up to a higher standard (e.g. stormwater management and aesthetics). Develop a set of design guidelines? (low priority)
- Finalyson Parking Lot (lower and upper) – needs to be redesigned. Ensure there is flexibility to make future realignment and enhancements to Reach 17. Ensure required minimum # of overflow stalls for the Cedar Hill Rec Centre are retained. (high priority)
- Improve the entrances to parking lots and make them more park like e.g. signs, landscaping etc.
- King's Pond viewing area need improvement – safety and public education (medium to high priority)
- Interpretive signs, Kiosks and Maps should be provided at parking lots (high priority).

##### **Item 2.2 Cycling Connections**

- Separate E/W and N/S trail proposed actions, as they are two separate issues. One is existing the other is new.
- Derby road trail is a high conflict area and need to be redesigned to solve user conflicts (high priority).
- Bylaw review as enforcement would be a challenge, as Saanich does not have a high number of by-law officers (low priority).
- Wayfinding signage for trails – consider as part of a sign review. Consolidate so they are in the same style and are suitable for those with language barriers.



- N/E trail – connection is high on the community radar and needs further review (high priority). Design bike route on side of Golf Course to minimize conflict and environmental impacts. Sketch of suggested route developed by one of the groups.



#### **Item 2.3 Accessible Trails**

- Support for creating an accessible, level, paved trail in a suitable area near the ball fields and at Kings Pond (high priority).
- Take time to review and develop improvement plans to address the very steep sections of the perimeter trail. The two sections that could be improved include the path North of Berwick Pond and the section of trail between McRae House and Cedar Hill Recreation Centre. It was noted that the upper loop is used more frequently than the lower loop which could be because these steep sections are in the lower loop.
- Solve user conflict areas at Derby Road, N/E corner of park and at Oceanview Road near McRae House – safety, surface and multi-use are an issue on all three areas.
- 

#### **Next Steps**

Due to time constraints, not all the agenda was covered and an additional meeting will be booked in the next two weeks to continue with the items set out for the remainder of the meeting. At that meeting, we will discuss the theme: 'Recreation, Play and Gathering Spaces for all Ages and Abilities' and start to plan future public engagement activities.

#### **Next Meeting**

In next two weeks - TBD via a Doodle Poll.

## Meeting Summary

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### ATTENDANCE

#### Present

Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Don Scott (DS), Friends of Cedar Hill Park (stand-in for Luis)  
Leigh Urquhart (LU), Camosun Community Association

#### Absent

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator  
Val Neaves (VN), Mount Tolmie Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Eva Riccius (ER), Saanich – Senior Parks Manager

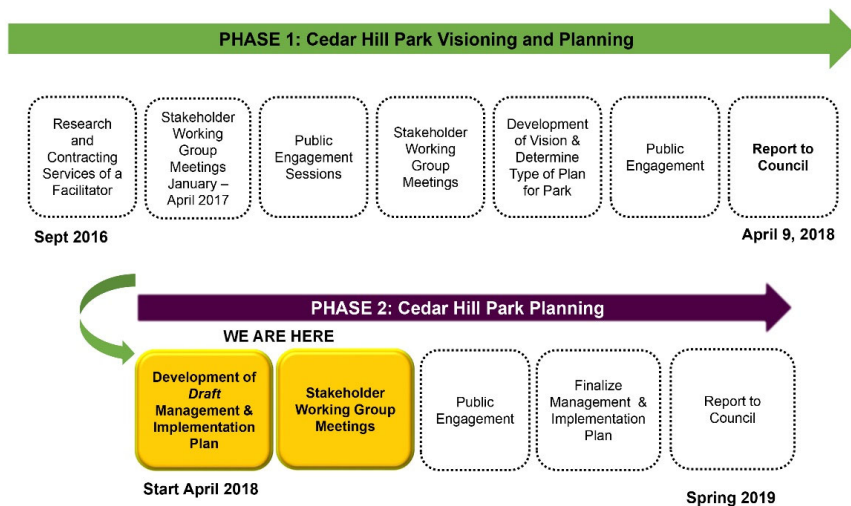
### WORKING SESSION / DISCUSSION SUMMARY

#### Welcome

Introduced Don Scott who was standing in for Luis Netter who was unable to make it to the meeting.

#### Where we're at

Timeline was reviewed (no change since November 2018).



### Working Sessions

Entire group had a discussion about:

#### **Proposed Actions Items for Recreation, Play and Gathering Places for all Ages and Abilities**

##### ***Item 3.1 Baseball Diamonds***

- Keep as youth fields but improve drainage.
- Both fields are consistently used by Special Olympics once a week, and the larger of the two fields are booked by other adult social clubs for the other five days of the week (however they may not always use the fields).
- Ensure the space is multi-use as the fields are only used for Baseball in spring/summer.
- Should there be lights so the field can be utilized in winter?
- General discussion was about having agreements with schools to utilize their fields in evenings and on weekends.

##### ***Item 3.2 Picnic Areas***

- 2-3 carefully placed picnic tables would be ideal which could be booked for small gatherings
- Have tables where people gather (near the recreation centre)
- Combine this Action Item with 3.6 Benches
- Have picnic tables where they are easy to access
- Some discussion was had as to whether tables are needed (people can picnic on blankets etc...), but it was pointed out that many park visitors appreciate tables (those with children, those with mobility issues etc...)

***Item 3.3 Social Spaces***

- Maximum 100 people in this area would suffice.
- Perhaps not a formal space but ensure the open fields are suitable for special events and larger gatherings
- Access to water and power would be ideal.
- Permits would be required to book the space for events.

***Item 3.4 Youth Activities (12 to 18)***

- High priority as there are not any youth oriented facilities in the near vicinity
- One idea was a bike skills area – perhaps having a field trip to Cecelia Creek would be helpful?
- Alternative sorts of activities....perhaps include images so people know what we're talking about.

***Item 3.5 Playground for Children (2 to 5 and 6 to 12)***

- Medium priority as there are a number of playgrounds in nearby parks and there is a playground structure available for use in evenings and weekends at the recreation centre (used by Preschool during the weekdays)
- Have something different than the traditional playground structures (unique to the place)

***Item 3.6 Benches***

- Combine with Action Item 3.2 Picnic Tables
- Only place in carefully thought out areas to avoid saturating certain parts of the park.
- Have in area where people can watch activities taking place in the park (future activities?)

***Item 3.7 Outdoor Exercise Equipment***

- Ideally in the vicinity of Recreation Centre so that programmers can plan programs around the equipment and teach people how to use it properly
- Carefully design this feature to ensure high use
- Rubber safety surface would be ideal

***Item 3.8 Washroom***

- Insure there are signs as many don't seem to know that the washrooms are available to trail users
- Example: New Zealand (parks?) have an abundance of public washrooms which are welcomed

***Item 3.9 Community Gardens/Orchard***

- Rather than a traditional garden perhaps a Community Orchard could be considered providing a connection to the agricultural roots of the park.
- Regardless if a community orchard is considered -- a group would need to come forward to plant, manage, maintain and harvest the fruit, which would be the same management model as a community garden.

**Item 3.10 Recreation Centre**

- Should an expansion be considered, the group felt the footprint of the centre should remain the same (go up rather than out) (for example the Oak Bay Recreation Centre).

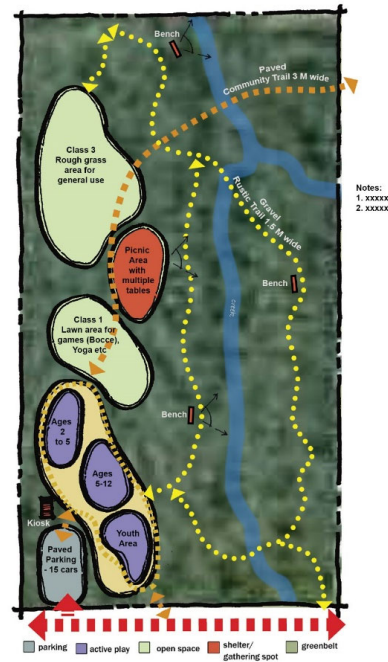
**Planning for Public Engagement Activity**

Discussion took place about how to get the ideas discussed at this meeting onto a plan. One idea was to have a second Stakeholder Workshop.

Julie showed an example of the level of detail that the Masterplan portion of the plan would show for the open space area of the park.



*Cedar Hill Park Open Space*



*Example concept for a Masterplan*

**Next Steps**

Due to time constraints (room was booked for 6pm) it was decided that this group would review a few options prepared by Julie at the next meeting – ideas that could then perhaps be taken to a wider range of stakeholders for further comment. The idea of a workshop and other future public engagement activities will be discussed at the next meeting.

**Next Meeting**

In next few weeks - TBD via a Doodle Poll.

## Meeting Summary

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Val Neaves (VN), Mount Tolmie Community Association  
Luis Netter (LN), Friends of Cedar Hill Park  
Eva Riccius (ER), Saanich – Senior Parks Manager  
Leigh Urquhart (LU), Camosun Community Association

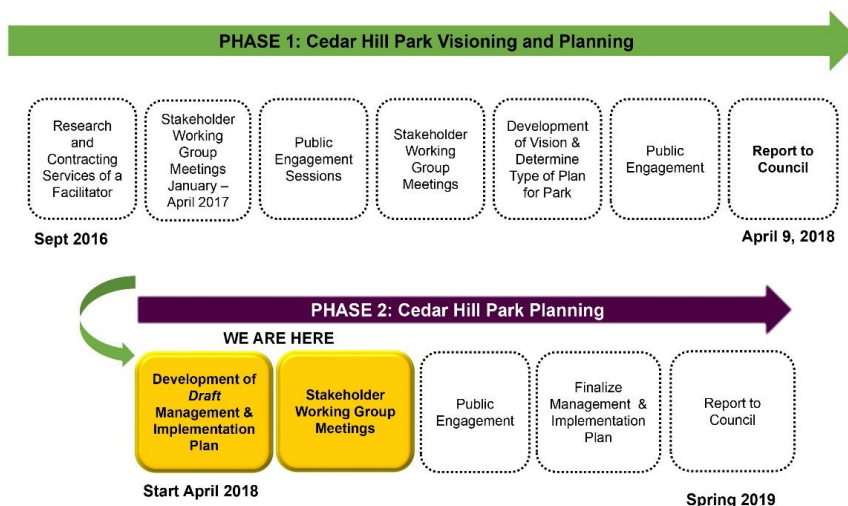
#### Absent

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas

### WORKING SESSION / DISCUSSION SUMMARY

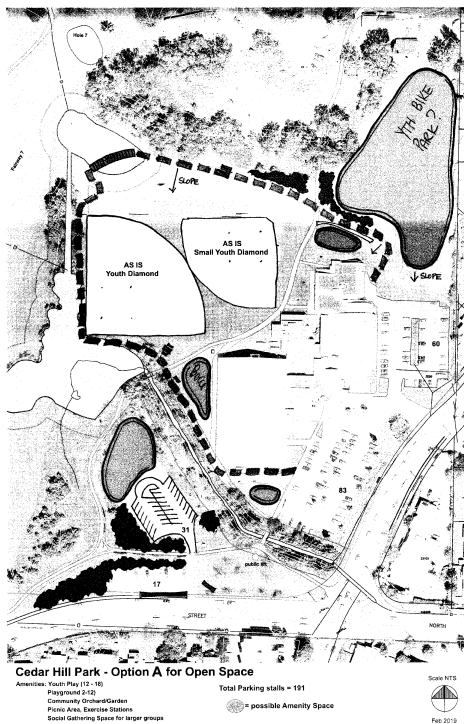
#### Where we're at

Timeline was reviewed (no change since November 2018).

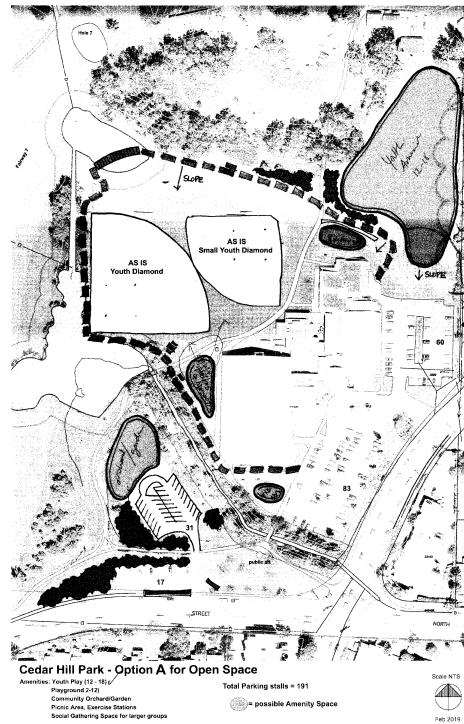
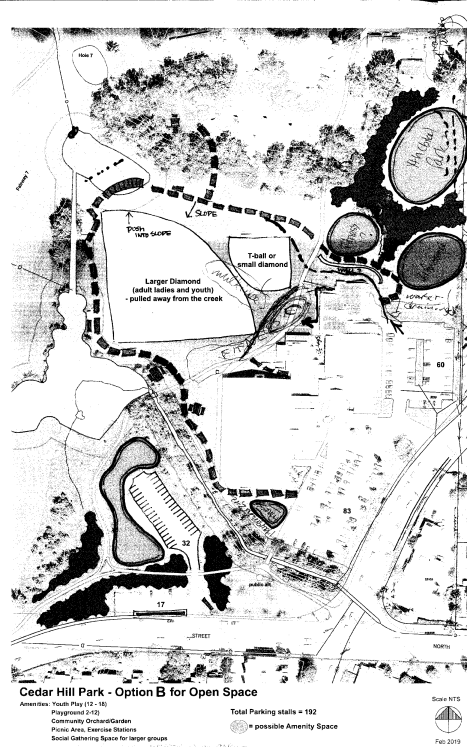


### Working Session 4.2: Placement of elements decided upon at meeting #10 for Recreation, Play and Gathering Places for all Ages and Abilities in Open Space behind the Recreation Centre

Participants were split into two groups and reviewed three general layouts for the open space behind the Recreation Centre with the intent to produce two layouts to present to the general public. Ideas generated from the discussions are shown below. Julie will further develop the concepts for presentation/comment at the Public Engagement Event planned for the spring.







### Planning for Public Engagement Activity

It was decided that we would focus on a public engagement session for the general public in late April – mid May. It was suggested that either manned tables/boards be presented on various subject areas. SWG members expressed a desire to assist with the event.

More discussion about the event will take place at the next meeting.

### Next Steps

Next meeting will focus on the Management Theme action items and finalizing details and date for the upcoming Public Engagement Session.

### Next Meeting

After March 10 - TBD via a Doodle Poll.



## Meeting Summary

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Peter Haddon (PH), Quadra Cedar Hill Community Association  
Rick Hatch (RH), Natural Areas Assistant Supervisor (stand-in for Andrew)  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Luis Netter (LN), Friends of Cedar Hill Park  
Eva Riccius (ER), Saanich – Senior Parks Manager  
Leigh Urquhart (LU), Camosun Community Association

#### Absent

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator  
Val Neaves (VN), Mount Tolmie Community Association

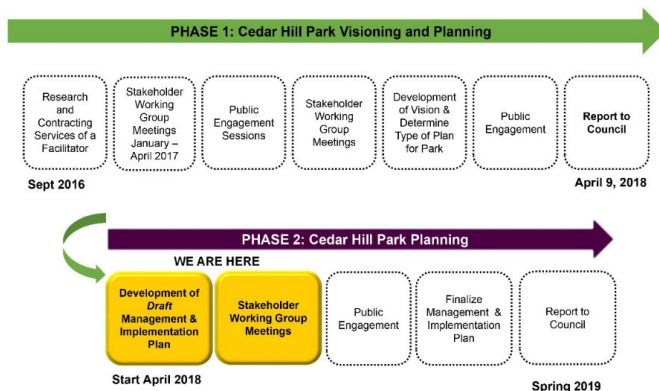
### WORKING SESSION / DISCUSSION SUMMARY

#### Welcome

Introduced Rick Hatch who was standing in for Andrew Burger who was away.

#### Where we're at

Timeline was reviewed (no change since November 2018).



### Working Sessions

Action Items for the Park Management Theme were reviewed and questions/comments were received as noted below:

*Main change is that with the exception of some trail maintenance and the emptying of garbage bins, the public park functions will now be overseen by the Parks Division leaving the Recreation Division to focus on the Recreation Centre and Golf Course. The parks budget will now cover the costs of this work. Recreation Centre budget will continue to fund park and natural area work done by the golf course staff.*

#### **Proposed Actions Items for Park Management Theme**

##### ***Item 4.1 Communications***

- Friends of Cedar Hill Park and surrounding Community Associations to organize an annual meeting (if interested) to invite Parks and Recreation Managers/Supervisors to learn about annual work plans for the park.

##### ***Item 4.2 Signage***

- Interpretive signage should also be considered. Subjects that may be of interest include the Watershed Map, Reach 17 and First Nations history.
- Friends of Cedar Hill Park asked if there could be a recognition sign for their work. ER stated that is not a practice that Saanich Parks endorses – but they will encourage logos on education signs and other signs that groups and organizations have contributed to. The group was directed to the Saanich Parks webpages to review interpretive signage that has been placed in other parks.

##### ***Item 4.3 Pulling Together***

- Saanich Parks – Natural Areas will be taking over the management of this program in the non-active golf course zone. Volunteers will not be working in the active golf course zone except by invitation.
- Communications with the golf course regarding the program and pulling together activities will now be managed by Rick Hatch.
- For liability and to ensure that volunteers are working in approved areas all individuals must be signed in as a Pulling Together Volunteer.
- Rick and his team will start by working on a restoration plan for the park which they will consult with volunteers on.

##### ***Item 4.4 Management of Leased Buildings***

- Lease for this building will be responsibility of the Building, Bylaw, Licensing and Legal Services Department.

##### ***Item 4.5 Sustainability Practices***

- Where possible, sustainable measures will be adopted.

##### ***Item 4.6 Dog in Parks***

- Saanich Parks to work with the Building, Bylaw, Licensing and Legal Services Department to strengthen the bylaw to ensure that dogs be on a leash throughout the park. It was felt that there may be some pushback from the community on this.

- Enforcement of the Animal Control Bylaw is the responsibility of the Animal Control and Bylaw officers.

**Item 4.7 Outdoor Exercise Equipment**

- Staff and volunteers to be aware of the 'Chance Find' protocol should and artifact be located in this park when digging.

**Item 4.8 Park Maintenance**

- Issues are to be called in to Parks 'Calls for Service' program (call to Parks Office) – which includes the Rights of Ways leading into the park.
- Garbage will be collected by the Golf Course
- Temporary overnight sheltering is allowed in the gravel parking lot off Finlayson 7 p.m. to 9 a.m. Any issues with this should be called in to the Police who have a protocol with regards to this issue (use Police Non-Emergency line for non-emergency issues such as abandoned belongings etc.).

**Item 4.9 Encroachments**

- Saanich Parks Natural Areas will coordinate with Building, Bylaw, Licensing and Legal Services Department who is responsible for educating people about and rectifying encroachment issues in parks.

**Additional Items**

**McRae House and hill below it**

PH and LN presented the argument that many people value McRae House and the open field below it and thought that having agricultural or passive activities planned for the hill area would be more prudent.

It was decided that one of the open space options would show 'active' activities and the other option show more passive activities and then we'd let the greater community comment on this at the Open House.

Also, it would be noted in the plan that should Saanich Volunteer Services ever not renew their lease that a discussion would be held with the community at that time regarding this space and whether it could possibly be used for community activities and events.

**Safety in Parks**

PH asked about safety in our parks and emailed Parks later about this issue. For information, below is a modified response to Peter's email:

*The response and protocols to safety in our parks is a municipal wide responsibility. It would depend on the issue as to which department would take the lead. Certain issues will be a Police/Emergency response/protocol (dog pound, camping, health emergency and other threats), and some issues will be the responsibility of the Building, Bylaw, Licensing and Legal Services Department (bylaw infractions, legal matters and risk management) and other issues will be the responsibility of the Parks and Recreation Department. If the concern is a safety issue with the physical condition of the trail then, as described, a 'Call for Service' should be placed with the Parks Department who will then prioritize the call and correct the situation. Depending on the*

*severity of the safety issue in a park then a call to police/ambulance may be necessary and they have their own policies, procedures and recording systems in place.*

*As for regular safety reviews, Saanich crews do not conduct these (except on playground equipment) as per Council Policy #01/479 which states the following:*

*"It is the policy of the Municipality that no formal periodic inspections be carried out of municipal highways, sidewalks, boulevards, street lights, traffic signs, sewers, storm drains, water mains and services, parks, trails or any other properties under the Municipality's jurisdiction. That repairs to defects or hazards be carried out in response to complaints or reports from the public or municipal staff."*

### **Planning for Public Engagement Activity**

Julie announced that there were no rooms available at the Recreation Centre on any Saturday afternoon in late April and early May and only one possible date was available at the Golf Clubhouse. It was suggested that a Saturday afternoon would be best – so after some brainstorming it was suggested that the Open House be planned for a Saturday afternoon in the lobby/café of the Recreation Centre.

### **Next Steps**

Panels and information for the Open House will be circulated to SWG members.

Results from the Open House and the written Draft Plan will also be circulated to members after the Public Engagement event.

### **Next Meeting**

TBD

## Meeting Summary

*\*This meeting summary is for discussion purposes only. It is meant to be a rough synopsis of the discussions and group exercises undertaken in the session – not a record of decision or official meeting minutes.*

### ATTENDANCE

#### Present

Gary Darrah (GD), Saanich – Manager of Park Planning and Design (Project Sponsor)  
Pam Edwards (PE), Quadra Cedar Hill Community Association  
Carole Ireland (CI), Cedar Hill Recreation / Golf Course  
Julie Lommerse (JL), Saanich – Parks Planner/Designer (Project Coordinator)  
Val Mieras (VM), Cedar Hill Golf Club  
Val Neaves (VN), Mount Tolmie Community Association  
Eva Riccius (ER), Saanich – Senior Parks Manager

#### Absent

Natalie Bandringa (NB), CRD – Harbours and Watershed Coordinator/Bowker Creek Initiative  
Andrew Burger (AB), Saanich – Manager of Urban Forestry and Natural Areas  
Kitty Lloyd (KL), CRD / Bowker Creek Initiative Coordinator  
Leigh Urquhart (LU), Camosun Community Association

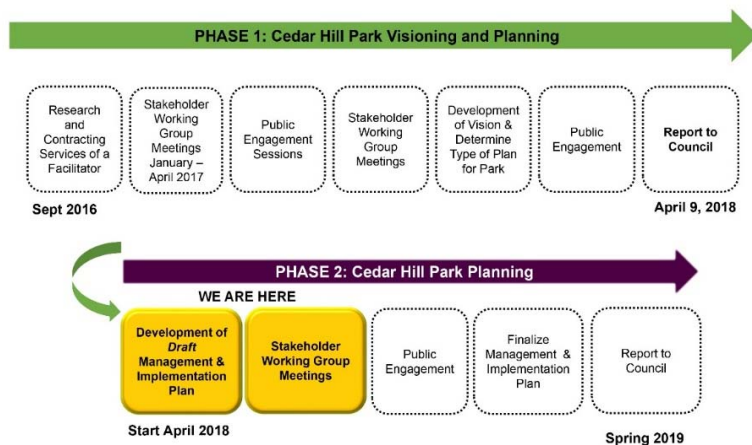
### DISCUSSION SUMMARY

#### Welcome & Announcements

- Introduced Pam Edwards who is representing the Quadra Cedar Hill Community Association.
- Announced that Andrew Burger will no longer be on the working group as he has accepted a position with the Town of Comox.

#### Where we're at

Timeline was reviewed (no change since November 2018).



### Review of Goals and Actions

Action Items in the Draft Management Plan were reviewed.

Suggested changes will be addressed before the plan is posted for the public in the New Year.

Comments included:

**Goal 1: Move the Bowker Creek Blueprint Forward - Item 1.3 (page 17)**

- Ensure we add viewing opportunities (take wording from 2.2 and apply to Goal 1)

**Goal 6: Make parking lots more inviting efficient and attractive (page 20)**

- Ensure we add wayfinding to this goal

**Goal 7: Assess the possibility of having a safe bicycle connection in the north/east corner of the park (page 20)**

- Add 'to be finalized via further public engagement' to the title of this goal

**Goal 8: Provide Opportunities in the Park for those with Limited Mobility (page 21)**

- Remove the word paved from Action 8.1 (as it may be a packed gravel accessible trail)

**Goal 9: Upgrade the Open Space with Ball Diamonds for both softball and other events and uses (page 24)**

- Don't repeat information – just write it once

**Goal 10: Provide additional picnic & seating opportunities in the Park (page 24)**

- Add that there will be some additional benches around the park trail as per the Older Adult Strategy/Age Friendly recommendations.

**Goal 12: Develop a playground for children ages 2 to (page 25)**

- Add 'Model 1' to the Goal to ensure that it is one of the larger playgrounds which is in keeping with a 'municipal' classified park.
- Add 'nature based' playground to Action 12.1

**Goal 13: Provide outdoor exercise (calisthenics) ad circuit training opportunities in the park (page 25)**

- Remove the words calisthenics and circuit training as the type of equipment will be determined when the exercise equipment project is being planned.

**Goal 15: Consider a community orchard (garden) opportunity in the park (page 26)**

- Mention that the orchard would need to be operated as per the Council adopted Community Garden Policy.

**Add Section 5.4 Park Management (most is in the appendix)**

- Add Goal 17: Parks staff to meet with Community Groups on an as needed basis (by invitation from the Community Associations/groups).

### Review of Open Space Masterplan (Figure 12, page 22)

Add the following items and notes to the Masterplan:

- Bus Stops
- All bench and table locations (including those associated with new amenities)

## Stakeholder Working Group Meeting #13

Cedar Hill Park Visioning and Planning Project

Cedar Hill Golf Clubhouse

December 10, 2019

- Note that Lower Finlayson Parking Lot will have future improvements
- Note that the upper lot will be reconfigured

### Review of Implementation Schedule

More work needs to be done on the Implementation Plan. Once this is done then it will be circulated to the group for comments.

It was decided that:

- Reduce 'Priorities' Table only two sections i) Priorities Year 1 to 5 ii) Priorities Year 6 and beyond
- Rework the Priorities so that it works with the departmental budgets and plans for the next 5 years.
- Move the Implementation of the Youth Amenity to Years 6 and beyond (design work can be done in Years 1 to 5).
- There was an error with the name 'Queensbury' -- it should read Oceanview Rd.

### General Discussion and Comments about the Plan

Other sections in the Draft Management Plan were commented on which included the following:

#### **Section 2: Introduction (page 3)**

- Rework the wording in the first paragraph so that the comments about the Golf Course are positive not negative.

#### **Section 3.4: Archaeology (page 9)**

- Check spelling of Archaeology (spelt incorrectly in several locations)
- Remove wording about the first nations peoples as this is a repeat from other sections.

#### **Section 3.6: Yellow text box (page 9)**

- Update 17,000 hours with newly calculated number of 18,500 and ensure it says 'per year'.

#### **Section 3.9: Park Management (page 13)**

- Add the following to the yellow text box (areas used by the general public): Golf Clubhouse, Derby (east/west) connector.

### Next Steps

- The above noted revisions will be completed and then the plan will be posted for the public to review. The general consensus was that the Draft Management Plan would be posted for the public to review and comment on for 4 weeks.
- Before the plan is posted for the general public Staff will complete Section 6 Implementation (Priorities and Budget) and circulate the information to the SWG.
- Once comments are received from the public, the report will undergo one last revision prior to being taken to council for endorsement.

### Next Meeting

TBD (possibly before the council presentation)

## 8.10 Kerr Wood Leidel report

As part of this planning project, a local engineering firm, Kerr Wood Leidal and Associates (KWL), completed a Technical Feasibility Study of Reach 17. As part of their work KWL reviewed the Bowker Creek Blueprint (which they also authored) and determined how the Blueprint's objective could be met and accomplished in Cedar Hill Park including storage to reduce peak flows into Bowker Creek, improve habitat values and protect and improve water quality. These objectives will also help the Golf Course meet environmental stewardship objectives required for the Audubon Cooperative Sanctuary Program for Golf Courses which addresses wildlife/habitat protection and enhancement, biodiversity, conservation, improved water quality and public education and engagement.

Their recommendations shown on the Open Space Plan (Figure 12) and identified in Goal 1, can be found in the Technical Memorandum located in this section.





**KERR WOOD LEIDAL**  
consulting engineers

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Victoria, BC V8T 4N2  
T 250 595 4223  
F 250 595 4224

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## Technical Memorandum

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**DATE:** June 7, 2019

**TO:** Julie Lommerse  
Corporation of the District of Saanich, Parks

**CC:** Gary Darrah  
Corporation of the District of Saanich, Parks

**FROM:** Craig Sutherland, P.Eng.  
Senior Water Resources Engineer

**RE:** BOWKER CREEK AT CEDAR HILL PARK & CEDAR HILL GOLF COURSE (REACH 17)  
Daylighting Feasibility Study – Design Alternatives Review  
Our File 0437.120-300

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### 1. Introduction

The following provides a hydraulic review of Bowker Creek in the Cedar Hill Park, including the Cedar Hill Golf Course zone within the park, and examines rehabilitation alternatives for both creek daylighting and wetland storage and enhancement.

### Project Understanding

The 2007 Bowker Creek Master Drainage Plan completed by Kerr Wood Leidal Associates Ltd. (KWL) for the CRD determined the hydraulic capacity along Bowker Creek to be deficient in many areas to withstand large floods. The 2011 Bowker Creek 100-Year Vision (the blueprint) shared a long-range plan for Bowker Creek. Page 70 of the blueprint provided the following with a high-level recommendation for the Cedar Hill Park near Cedar Hill Recreation Centre. For reference, the study area is identified as Reach 17 in the Bowker Creek Master Drainage Plan.

"Install a detention basin to the southwest of Cedar Hill Recreation Centre and naturalize the creek as much as feasible (the greens and fairways may need to be reoriented). Remove invasive species and care for planted conifers. Re-slope banks to a gentler angle and re-vegetate with native species. Ban the use of pesticides and herbicides on the golf course and at the recreation centre or take the pesticide-free pledge."

The District of Saanich (the District) is currently undergoing a Park Management Plan for Cedar Hill Park and is interested in knowing more about the technical feasibility of daylighting portions of Bowker Creek and wishes to understand the feasibility and purpose of daylighting and if it could reduce downstream flooding.

### Project Objectives

Based on discussion with District staff, we understand that the primary objectives of the proposed daylighting of Bowker Creek are to:



1. Meet the objectives identified in the blueprint regarding Reach 17 of Bowker Creek (a tributary of Bowker Creek upstream of the intersection with Cedar Hill Road) including storage to reduce peak flows in mainstem of Bowker Creek, improving habitat value, and protecting/improving water quality; and
2. Meet environmental stewardship objectives required for qualification into the Audubon Cooperative Sanctuary Program for Golf including wildlife/habitat protection and enhancement, biodiversity conservation, improved water quality, and public education/engagement.

## Project Scope

The scope of the study includes the following main tasks:

1. Information gathering and site assessment;
2. Feasibility assessment including confirmation of design criteria, identification of rehabilitation alternatives, hydraulic modelling, storage analysis, feasibility analysis, and review; and
3. Reporting.

This draft memo is intended to provide details of rehabilitation alternatives, comparison of alternatives, discussion of the selected alternative, implementation considerations for selected alternative and cost estimate of the preferred alternative.

## Project Study Area

The Bowker Creek flows from its headwaters at the University of Victoria and then passes through the municipalities of Saanich, Victoria, and Oak Bay before flowing into the ocean at Oak Bay. Bowker Creek drains an urbanized watershed having a total area of 1,028 hectares. The watershed contains residential, commercial, industrial land with some parks and greenspace. It is estimated that about half of the watershed area is impervious.

Reach 17 of the Bowker Creek watershed is located on a tributary of Bowker Creek upstream of the intersection of Cedar Hill Road and North Dairy Road. Reach 17 flows through Cedar Hill Park. Cedar Hill Park makes up some of the largest green space in the watershed. Figure 1 shows a plan of the entire Bowker Creek Watershed and the smaller tributary sub watershed flowing into Reach 17.

## Site Conditions

The location and existing conditions of Reach 17 were observed during a site visit carried out by KWL staff on July 26, 2018. The following section describes the creek and drainage infrastructure observations through the study area. Figure 2 shows the location of drainage infrastructure as well as the approximate locations of other utilities along Reach 17 of Bowker Creek. Photos taken during the site visit are included in Appendix A and are referenced in the following sections.

1. The upper section of Reach 17 flows through an enclosed drainage system running along Maplewood Road and through a right of way along the backyards of the private properties between Derby Road and Camrose Crescent. The field visit did not include any observations of this underground drainage system. Downstream of the drainage system the creek flows through a short section of the open channel having a bottom width of about 1 m (see Photo 1). The creek passes under the Cedar Hill Park Perimeter Trail through a culvert consisting of a 750 mm diameter concrete pipe at the inlet and



a 350 mm diameter PVC pipe at the outlet. Downstream of the trail crossing, the creek flows under the 4<sup>th</sup> Hole Fairway through a 450 mm diameter concrete culvert (see Photo 2).

2. Below the golf course 4<sup>th</sup> Hole Fairway, the creek flows through another section of open channel mostly within a cleft in the bedrock outcrop located to the east of 4<sup>th</sup> Hole Green (see Photo 3). The channel then flows through a 600 mm diameter culvert under golf course access path before flowing into a ravine located between the 2<sup>nd</sup> Hole Green and the 5<sup>th</sup> Hole Tee. This ravine is heavily overgrown with Himalayan blackberry and other invasive species along with a few Garry Oak trees and other unidentified coniferous trees (see Photo 4).
3. Downstream of the ravine, the creek flows through a 600 mm diameter concrete storm drain which passes to the east of the 8<sup>th</sup> Hole Tee and to the south of the 7<sup>th</sup> Hole Green (Photo 5 and 6 shows the approximate alignment of the storm drain). This storm drain flows into an open channel that flows parallel to the east of the 7<sup>th</sup> Hole Fairway and to the west of the softball diamonds located behind the Cedar Hill Recreation Center (see Photo 7 and photo 8). The upstream section of this open channel has limited vegetation cover while the downstream end has mature trees and shrubs on both banks. The drawings provided by Saanich for the study show a culvert on this open channel that was used for access between the softball diamonds and the 7<sup>th</sup> Hole Fairway. However, this access path and culvert has now been removed.
4. A second smaller tributary stream flows into Reach 17 downstream of the location of the removed culvert. This tributary flows from a stormwater system which flows along Tolmie Ave and passes through the Cedar Hill Links Strata property at 3281 Maplewood Road. The stormwater system discharges into a landscaped pond on the golf course located adjacent to the 5<sup>th</sup> Hole Fairway. The pond drains through a flow control structure prior to flowing into a 725 mm diameter steel pipe that passes under the 5<sup>th</sup> Hole Fairway. The stream then passes through a small pond before flowing into another 725 mm diameter steel pipe that passes under the 7<sup>th</sup> Hole Fairway prior to discharging into the mainstem of the Reach 17.
5. Downstream of the tributary stream, Reach 17 flows through an informal channel and wetland area prior to flowing under the Cedar Hill Park Perimeter Trail bridge at the Cedar Hill Recreation Center. The stream then flows through a heavily vegetated gully between the recreation center and the overflow parking lot off Finlayson Street. The stream enters a storm drain system at the downstream end of the gully (at the intersection at Cedar Hill Road, North Dairy Road, and Finlayson St) consisting of two culverts including a 750 mm diameter concrete culvert and 1200 mm diameter.

## 2. Drainage Assessment

An assessment of the capacity of the drainage system to safely pass the 10-year return period flood discharges has been carried out using the PC-SWMM computer stormwater modelling package. The model is based on field observations, elevations collected by RTK GPS survey conducted during the field visit and typical hydrological and hydraulic parameters developed during the Bowker Creek master drainage plan. **No model calibration or validation was completed** as there is no discharge or water level data available within Reach 17 for comparison with the model. Design storm events are based on analysis of local rainfall intensity and include an allowance for increased intensity due to climate change projected to the year 2050. For further details on drainage assessment, refer to Appendix A.

The results of the drainage assessment are included in Table 1 below.





Table 1: Drainage Assessment Results

Location	Existing Culvert Diameter	Hydraulic Condition
Upper Cedar Hill Loop Trail Culvert	750 mm diameter flowing into 350 mm diameter	Surcharged and flooding
4 <sup>th</sup> Hole Fairway Culvert	450 mm diameter	Surcharged and flooding
Access path culvert #1	600 mm diameter	No surcharge
Access path culvert #2	450 mm diameter	Surcharged but not flooding – causing backwater effect upstream
8 <sup>th</sup> Hole Tee Box Culvert	600 mm diameter flowing into 750 mm diameter	No surcharge
Twin Culverts at Cedar Hill Road	750 mm diameter flowing into 1200 mm diameter and 1200 mm diameter	No surcharge

**Notes on Hydraulic Conditions:**

**No surcharge** indicates that the culvert is not flowing full such that peak water level is lower than the culvert obverts (top of the inside of the culvert).

**Surcharged but not Flooding** indicates that the culvert is flowing full of peak water level higher than the culvert obverts but lower than the top of the bank of the ditch or channel upstream of the culvert and/or over the trail or fairway above the culvert.

**Surcharged and Flooding** indicates that the culvert is flowing full of peak water levels higher than the top of the bank of the channel upstream and/or over the trail or fairway above the culvert.

The results indicate that some of the existing culverts in the park and the golf course zone are undersized for the design event. The results indicate that the culverts are surcharged, resulting in overland flooding. However, the flooding does not extend outside the park boundary and only results in overtopping of the some of the park trails and fairways within the golf course zone. The risk to private property and other critical infrastructure as a result of overtopping of the park culverts is low. Assuming that occasional flooding of park trails and golf course fairways is acceptable, there may not be a need to upgrade the undersized culverts to meet the design flood event.

### 3. Rehabilitation Alternatives

Based on the field visit, discussion with Saanich staff and review of the results of the drainage assessment two potential rehabilitation alternatives have been identified for Reach 17. The two rehabilitation alternatives are near the 7<sup>th</sup> Hole Fairway and are shown in Figure 3a and Figure 3b. Typical sections for the two alternatives are shown in Figure 4. The two proposed rehabilitation alternatives are described below, and a comparison of the rehabilitation alternatives is included in Section 4.

The main components of the rehabilitation alternatives are:

#### **Alternative 1 – Maximizing Storage**

This alternative includes the following:



1. Excavation of the pond at the outlet of storm drain below 7<sup>th</sup> Hole Green and construction of an outlet structure to restrict flow. This detention pond would extend into the undeveloped area at the bottom of the slope to the north of the park's softball diamonds. The pond/wetland could be used as an example of Garry Oak wetland habitat restoration.
2. Excavation of the pond and an outlet flow control structure within Reach 17 upstream of the Cedar Hill Park Perimeter Trail bridge near the Cedar Hill Recreation Centre.
3. Removal of invasive species and planting of native riparian and wetland species.
4. Installation of split rail fencing around ponds and riparian areas to limit public access into restoration areas.

#### **Alternative 2 – Maximizing Daylighting**

There is limited ability to daylight the existing storm drain between the ravine upstream of the 8<sup>th</sup> Hole Tee and south of the 7<sup>th</sup> Hole Green due to existing topography, the depth of the storm drain and impact to the playability of the 7<sup>th</sup> Hole and the 8<sup>th</sup> Hole (see Photos 6 and 7). Therefore, the daylighting alternative includes a realignment of the creek as described below.

This alternative includes the following:

1. Relocation of the landscape berm located between the 5<sup>th</sup> Hole Fairway and the 7<sup>th</sup> Hole Fairway.
2. Excavation of an open channel (about 1 m wide at the bottom and 2 m wide at the top) between the 5<sup>th</sup> Hole Fairway and the 7<sup>th</sup> Hole Fairway) Photo 9 shows the approximate alignment of this channel.
3. Enlarging the pond between the 5<sup>th</sup> Hole Fairway and the 7<sup>th</sup> Hole Fairway.
4. Replacement of the steel culvert under 7<sup>th</sup> Hole Fairway with a 1,400 mm diameter culvert or doubling existing steel culvert with a 1,200 mm diameter culvert.

#### **Other Improvements**

In addition to the improvements outlined in Alternative 1 and Alternative 2 above, other improvements that could be implemented as part of rehabilitation could include:

1. Replacement of undersized culvert at the upper Cedar Hill Park Perimeter Trail with a bridge, which will improve flood conveyance and limit the potential for debris blockage on culvert but also provide an opportunity for daylighting a short section of the creek channel.
2. Removal of invasive species and planting of native riparian and wetland species.
3. Restoration of upland habitat on rock outcrops to the east of the 3<sup>rd</sup> and 5<sup>th</sup> hole tees.
4. Installation of split rail fencing around ponds and riparian areas to limit public access into restoration areas
5. Installation of public educational signage at creek crossings/constructed wetland.
6. Incorporation of public viewing area/outdoor classroom space for recreation programs.
7. Engagement of local stewardship groups with planting/maintenance of riparian areas.

#### **Implementation Considerations**

Some considerations in the implementation of either Alternative 1 or Alternative 2 include:



1. Daylighting of channels and wetland excavation may conflict with existing utilities such as irrigation supply lines and subdrainage.
2. Daylighting channels across fairways impacting playability which will require input from golf course designer.
3. Designs will require further input from landscape architect and/or riparian ecologist to develop detailed landscaping and planting plans.

#### 4. Rehabilitation Alternatives Comparison

A comparison of the advantages and disadvantages of the two rehabilitation alternatives is outlined in Table 2 below. The performance measures listed in the table have been selected to assess how well the alternative achieve the overall project goals of flood safety, improving habitat values, improving water quality and public education identified in the Bowker Creek Blueprint and the stewardship objectives for the Audubon Cooperative Sanctuary Program for Golf.

Table 2: Rehabilitation Alternatives Comparison

Performance Measure	Change from Status Quo	
	Alternative 1	Alternative 2
<b>Flood Reduction</b>		
Reduction in peak flows (10-year return period) within Reach 17	~10%	No significant Change
Reduction peak flows (10-year return period) within mainstem Bowker Creek	~1%*	No Significant Change
Habitat Values	Slight Improvement	Moderate Improvement
Water Quality	Moderate Improvement	Slight Improvement
Public Education	Good Opportunity	Fair Opportunity
Golf Course Maintenance/Playability	No significant change	Moderate Negative Impact
* Note that the Bowker Creek Master Drainage Plan (October 2007) indicates that there are potential storage opportunities in the watershed upstream of the Cedar Hill Tributary Confluence to provide up to 5% reduction in 10-year peak flow in the mainstem of Bowker Creek		

#### Key Findings

The key findings of the comparison between the two rehabilitation alternatives are outlined below:

1. For habitat values, Alternative 1 Maximize Storage provides a slight improvement in Habitat Values through the construction of wetland/storage areas. Alternative 2 Maximize Daylighting provides a moderate improvement in habitat values through increased habitat area by daylighting of the channel across 7<sup>th</sup> Hole Fairway and between 5<sup>th</sup> Hole Fairway and 7<sup>th</sup> Hole Fairway (210 m long) but reduces habitat value through loss of section (80 m long) of existing channel between the 7<sup>th</sup> Hole Fairway and recreation center property (net increase in channel length of 130 m).





2. For water quality values, Alternative 1 Maximize Storage provides a moderate improvement in water quality through settlement in wetland/pond during baseflow/light rainfall conditions. However, the ponds would not provide sufficient detention time to treat runoff during moderate or high rainfall events. Alternative 2 Maximize Daylighting provides a slight improvement to water quality through daylighting of channels and riparian planting to provide a buffer zone to channel.
3. For public education, Alternative 1 Maximize Storage provides a good opportunity for public engagement/education through the location of wetlands/ponds adjacent to Cedar Hill Park trails as well as the Recreation Center property. Alternative 2 Maximize Daylighting provides limited opportunity for public interpretation/education as daylighting is primarily within the active golf course zone and would not be accessible to the general public.
4. For golf course playability/maintenance, Alternative 1 Maximize Storage has limited impact on maintenance or playability of the golf course as there would not be any change to the existing location of channels. Alternative 2 Maximize Daylighting could impact both maintenance and playability of the golf course by daylighting channels across the 7<sup>th</sup> Hole Fairway and an open channel between the 5<sup>th</sup> Hole Fairway and 7<sup>th</sup> Hole Fairway.

## 5. Preferred Option

Based on a comparison of the two options and discussion with the Bowker Creek Technical Advisory Group, Alternative 1 Maximize Storage has been selected as the preferred option for daylighting and rehabilitation of Bowker Creek Tributary. The following section outlines the cost estimate and implementation considerations for alternative 1.

### Cost Estimate

A conceptual indicative (Class 4) cost estimate has been prepared for Alternative 1. The estimate is based on a project definition of between 1% to 15% and has an estimated accuracy of between +50% to -30%. A contingency of 30% has been added to the cost estimate to account for any unknown conditions or items that will likely result in additional cost. Therefore, the estimate is considered to be appropriate for planning and initial budgeting purposes. A more detailed cost estimate can be prepared once the design is further developed.

The total cost of the project is estimated to be \$1.37 million broken down as follows:

<b>Phase 1: Planning, Design, and Permitting Costs</b>	<b>\$120,000</b>
<b>Phase 2: Tendering, Filed Review, Construction</b>	<b>\$500,000</b>
Management, and Environmental Monitoring	
<b>Phase 3: Construction (including 10% contingency)</b>	<b>\$120,000</b>
<b>Total</b>	<b>\$1.37 million</b>

A detailed breakdown of the cost estimate is included in Table 3 attached.

The cost estimate is based on approximate quantities derived from the concept plans and typical unit rates developed from previous similar projects and professional judgment. The cost estimate includes:

1. Construction costs related to channel rehabilitation, ponds, and riparian planting;
2. Allowance for consulting services including detailed engineering/planning, contract management, environmental permitting, environmental monitoring costs; and



3. The first year of maintenance for planting.

The cost estimate does not include:

1. Any public or park amenities associated with the enhancement work such as trails, boardwalk, public education signage, etc.
2. Costs associated with unknown site conditions such as archeological, environmental/contamination, geotechnical, etc.; and
3. On-going maintenance.

#### **Implementation Considerations**

The following steps and considerations are needed prior to construction of the preferred alternative:

1. Incorporation of the preferred alternative into the Management Plan for Cedar Hill Park including identification of any opportunities to include public/park amenities as part of the enhancement/daylighting design;
2. Public engagement to garner public support and provide input to the detailed design of public/park amenities, trails or other public facilities associated with the enhancement;
3. Project permitting including Water Sustainability Act and municipal development permit applications;
4. Daylighting of channels and wetland excavation may conflict with existing utilities such as irrigation supply lines and subdrainage which will require locating as part of the detailed design or as part of construction contract prior to the commencement of works;
5. Daylighting channels across fairways and ponds adjacent to fairways may impact the playability of the golf course which will require input from a golf course designer;
6. A detailed assessment of potential unknown site conditions including archeological, environmental/contaminated sites, and/or geotechnical; and
7. Designs will require further input from landscape architect and/or riparian ecologist to develop detailed landscaping, planting plans and any public amenities identified as part of the park planning process.

Additional information that will be required as part of implementation includes:

1. Additional detailed topographic survey for preparation of detailed design drawings;
2. Archeological and environmental/contaminated sites screening to assess the risks of potential unknown site conditions; and
3. Structural and/or geotechnical engineering input for any structures that might be implemented as part of public/park amenities.





## 6. Summary of Key Findings

The key findings of the daylighting feasibility study to date are:

1. Hydraulic modelling indicates that some of the existing culverts and storm drains along Reach 17 are undersized for the 10-year return period event, including the 750 mm diameter culvert flowing into 350 mm diameter culvert under the upstream Cedar Hill Park Perimeter Trail crossing and the culvert under the 4<sup>th</sup> Hole Fairway.
2. Hydraulic modelling shows that Alternative 1 Maximising Storage results in a small creek flow decrease (about 10 percent) during 10-year return period peak flow within the tributary channel and no significant decrease (less than 1 percent) in a 10-year return period peak flow downstream in the mainstem of Bowker Creek.
3. Hydraulic modelling shows that Alternative 2 Maximising Daylighting would result in no significant reduction in peak 10-year return period flows within the tributary channel and downstream in the mainstem of Bowker Creek.
4. The Proposed Rehabilitation Alternative 1 Maximizing Storage has an advantage over the proposed Alternative 2 Maximizing Daylighting in terms of potential water quality improvement, public education opportunities, and less impact on golf course playability and maintenance.
5. The Proposed Rehabilitation Alternative 2 has an advantage over the proposed Alternative 1 in terms of habitat values with a net increase in the length of the daylighted channel and riparian zone of about 130 m. However, Alternative 1 provides more total habitat area in the form of wetlands, ponds, and riparian areas.
6. Alternative 1 has been selected as the preferred option for further development and planning.
7. The total project cost (planning/design services and construction) for alternative 1 has been estimated to be \$1.8 million not including public or park amenities which have yet to be defined as part of Park Management Plan process.



## 7. Closing

If you have any questions relating to the rehabilitation alternatives, the comparison of alternatives or the implementation recommendations for the preferred alternative, please contact the undersigned at 250-595-4223.

### KERR WOOD LEIDAL ASSOCIATES LTD.

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CS

Encl.: Figure 1, Figure 2, Figure 3A, Figure 3B, Table 3 – Conceptual Cost Estimate and Appendix A

### Statement of Limitations

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### Revision History

Revision #	Date	Status	Revision Description	Author
0	2019-06-07	FINAL		CS



### DigitalCopy

2019-06-12

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Corporation of the District of Saanich  
Bowker Creek at Cedar Hill Golf Course

May 2019

Table 3 - Conceptual (Class 4) Indicative Cost Estimate

Item	Qty	Unit	Rate	Cost	Comment
<b>PHASE 1 - Planning and Design</b>					
Engineering (Planning/Design)				\$60,000	Allowance based on construction costs. No detailed scope/costs have been prepared
Environmental (Planning/Permitting)				\$30,000	Allowance based on construction costs. No detailed scope/costs have been prepared
				<b>Total Phase 1</b>	<b>\$120,000</b>
<b>PHASE 2 - Implementation</b>					
Engineering (Tender/Field Review/Construction Management)				\$50,000	Assume part time inspection for 16 week construction period during fish construction window
Environmental (Environmental Monitoring)				\$30,000	Assume full time environmental monitor for 16 week construction period during fish construction window
				<b>Total Phase 2 Consultant Fees</b>	<b>\$120,000</b>
Mod/Demob		10%		\$78,700	Includes bonding, insurance, etc.
Environmental Protection	1	LS	\$40,000	\$40,000	Includes water control, sediment management, dust control, etc. Allowance based on similar projects.
Cedar Hill Ridge Trail Stream Crossing Upgrade	1	LS	\$50,000	\$50,000	
Upland Riparian Restoration	4,200	m <sup>2</sup>	\$50	\$210,000	Supply only. Municipality or volunteer labour for planting.
Upstream Pond Clearing	900	m <sup>2</sup>	\$30	\$27,000	Includes clearing/grubbing and off-site disposal of organic material (no trees)
Downstream Pond Clearing	1,350	m <sup>2</sup>	\$60	\$81,000	Includes excavation and off-site hauling
Downstream Pond Excavation	3,600	m <sup>3</sup>	\$50	\$180,000	Includes tree clearing, grubbing and off-site disposal of trees and organic material
Channel Rehabilitation	5,400	m <sup>3</sup>	\$60	\$324,000	Includes excavation and off-site hauling
Riparian Planting	30	m	\$1,000	\$30,000	Includes channel clearing, and installation of rehabilitation structures
First Year Maintenance	3,400	m <sup>2</sup>	\$10	\$34,000	Supply only. Municipality or volunteer labour for planting.
		1 LS	\$0	\$0	Municipality or Volunteer
				<b>Construction Contingency Costs (30%)</b>	<b>\$260,000</b>
				<b>Subtotal Construction Cost (rounded to \$1000)</b>	<b>\$1,130,000</b>
				<b>Total Phase 2</b>	<b>\$1,250,000</b>
				<b>Total Project Conceptual (Class 4) Cost Estimate (Rounded to \$10,000)</b>	<b>\$1,370,000</b>

**Note**

The indicative (class 4) cost estimate is based on project definition of between 1% to 15 % and has an estimated accuracy of between +50% to -30%. A contingency of 30% has been added to the cost estimate to account for any unknown conditions or items that will likely result in additional cost. Therefore, the estimate is considered to be appropriate for planning and initial budgeting purposes. A more detailed cost estimate can be prepared once the design is further developed. The cost estimate should be read in conjunction with the limitations outlined in the technical memorandum prepared by KWL dated March 28, 2019



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## Appendix A

# Photographs



## Appendix A - Photographs



Photo 1: Creek channel upstream of 4<sup>th</sup> Hole Fairway. Note steel water main crossing the creek.



Photo 2: Alignment of the existing culvert under 4<sup>th</sup> Hole Fairway. Potential daylighting opportunity.





## Appendix A - Photographs



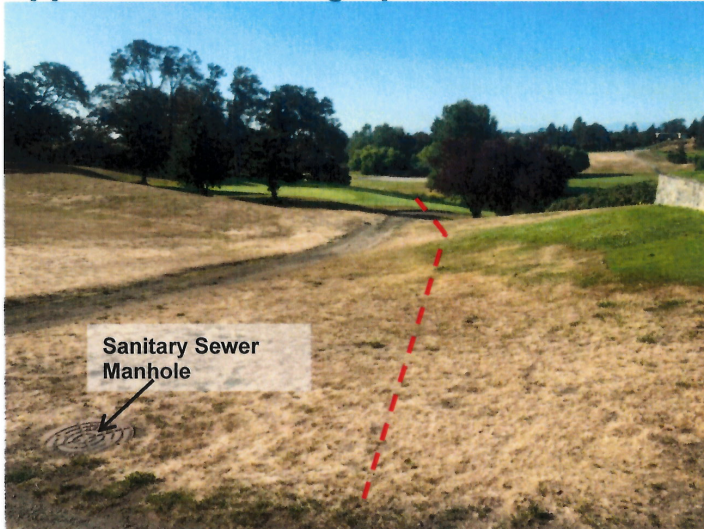
Photo 3: Creek channel flowing over bedrock downstream of 4<sup>th</sup> Hole Fairway



Photo 4: Creek channel gully and access path downstream of 4<sup>th</sup> Hole Fairway. Note overgrown with invasive species.



## Appendix A - Photographs



**Photo 5: Alignment of storm drain to the east of 8<sup>th</sup> Hole Tee.  
Red dashed line shows approximate alignment.**



**Photo 6: Alignment of storm drain to the south of 7<sup>th</sup> Hole green.  
Red dashed line shows approximate alignment.**





## Appendix A - Photographs



Photo 7: Outlet of storm drain under 7<sup>th</sup> Hole fairway



Photo 8: Creek channel at the outlet of storm drain adjacent to 7<sup>th</sup> Hole fairway





## Appendix A - Photographs



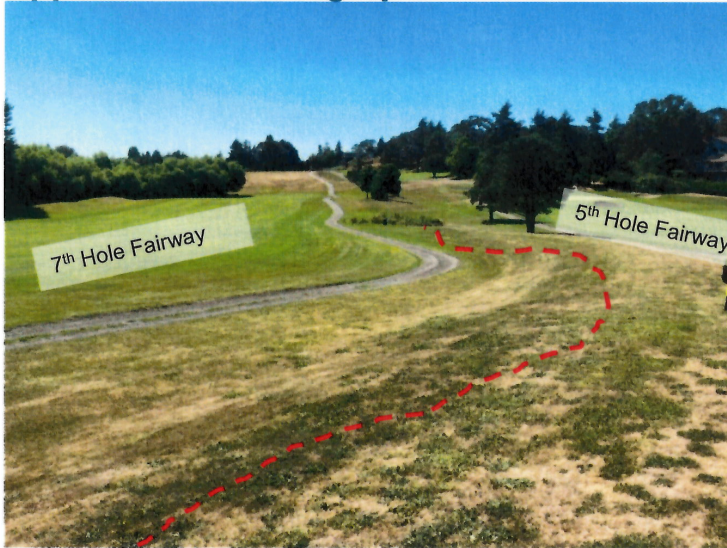
Photo 7: Outlet of storm drain under 7<sup>th</sup> Hole fairway



Photo 8: Creek channel at the outlet of storm drain adjacent to 7<sup>th</sup> Hole fairway



## Appendix A - Photographs



**Photo 9: Alignment of the daylighted channel between 5<sup>th</sup> Hole and 7<sup>th</sup> Hole fairways (Option 2). Red dashed line shows approximate centerline of the channel.**