Derby Reach/Brae Island Parks Association
Presentation to
Metro Vancouver Regional Parks Committee

Wednesday, July 15, 2020
Presented by
Joakim Nilsson, Board Member,
and Tony Markin, Board Chair
Discovery Walks in Our Parks

YOU'RE INVITED!
BEAVERS, LODGES & DAMS, OH MY!

THURSDAY, JUNE 20, 2019 | 6PM - 8PM
DERBY REACH REGIONAL PARK, HOUSTON TRAILHEAD, MCKINNON CRESCENT

Ted Lightfoot, Langley's 2018 Environmental Hero award recipient and beaver expert, leads this special guided walk through Derby Reach Regional Park. Learn about the significance of the beaver in our regional parks. Don't miss a chance to hear all about beavers and view their habitat while enjoying the beautiful surroundings of the Houston Trail.

RSVP REQUIRED: PLEASE EMAIL OUTREACH@DRBIPA.ORG TO REGISTER

MEMBER BOG WALK

SATURDAY, AUGUST 27TH | 10AM - 12PM
Email outreach@drbipa.org to register by August 25th, 2019.

This is an exclusive DRBIPA members-only walk. Annual memberships are $30. Please note that this is a guided walk; otherwise, there is no public access to the Langley Bog. Meeting location provided after registering.

Join Langley Bog expert Jeremy Smith as he guides us on this special DRBIPA members-only nature walk at Derby Reach Regional Park.

Learn about the plants and animals of the bog, important conservation updates, and how you can join the DRBIPA Bog Committee.

SPECIAL OFFER:

MUSHROOM FORAY AT DERBY REACH

SUNDAY, OCTOBER 26, 2019 | 12PM-2PM
HERITAGE AREA - 10748 ALLARD CRESCENT, LANGLEY

DRBIPA 2019 GUIDED NATURE WALK SERIES

Join DRBIPA and our expert guide for an ecologically focused mushroom foray along the Houston Trail. Willoughby Arevalo, international mycologist and author, will lead us on this walk to learn all things mushroom! Such as ID and meaning, culinary and medicinal applications, traditional and contemporary uses, and even mycoremediation potential.
Roxci Bevis, our Volunteer and Program Coordinator

Bachelors in Business Administration
Diplomas in volunteer management, project management, and media journalism
Going Virtual

Virtual Guided Nature Walk

We know our Members and Volunteers have really missed heading out into the parks for our guided nature walks. We miss them, too! It is so wonderful to get out on the trails with an expert ecologist or biologist and learn about our beautiful ecosystem and the natural wonders of our regional parks.

Each of our guided walks are completely different experiences, we learn exciting new stuff on each walk! Stay tuned for more virtual walks from DRBIPA and we look forward to planning in-person groups walk again soon.

We hope you enjoy these video highlights of a DRBIPA guided nature walk. Featuring Dr. David Clements, plant ecologist at Trinity Western University, sharing insights of native plant species along the Houston Trail at Derby Reach.
Test page for an app that Roxci is developing for DRBIPA
Bedford Channel Paddle

Regional Parks Committee
HERITAGE APPLE DAY

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jī aìa ná
Bienvenue
Welcome
: :léw
Langley Bog Viewing Platform
Future goals and objectives

• Raise public awareness of the importance and benefits of the Langley Bog
• Explore the possibilities of building a raised boardwalk in the Bog with educational signage
• Undertake preservation and possible restoration, if required
Park Ambassador Program!

Get Involved!
Future goals and objectives

Increase public engagement in Derby Reach and Brae Island Regional Parks through guided walks

Increase Youth engagement through volunteer programs
• Park Ambassador program
• Invasive species removal
• Planting native species

Engage with local Indigenous communities
Board Budget Workshop Overview

**Process**

- **Board Budget Workshop (Jun 5)**
- **Committee Update (Jul)**
- **Committee Discussion (Sep)**
- **Budget Committee Reports (Oct)**
- **Board Budget Workshop (Oct 21)**
- **Council of Councils (Oct 24)**
- **Board Meeting (Oct 30)**

Regional Parks Committee
Board Budget Workshop Overview

Approach Going Forward

Short-term Relief for Households
  • Leverage supported tools to create a short-term action plan (1-3 years)

Maintain current goals and objectives
  • Continue work on strategic and long-range plans

Realize New Opportunities
  • Partner on projects to increase affordable housing and reduce GHGs
  • Help drive economic recovery
  • Other?
Board Budget Workshop Overview

Next Steps

Considerations:

• Actions that can provide immediate relief while maintaining the work on the long-term vision of the Board
• Risk implications for project delays or deferrals
• The impact of changes to debt amortization on future ratepayers
• The ability of the organization to take advantage of potential stimulus funding
• Continuous improvement – review for efficiencies
What this means for Regional Parks

- Opportunities for increased revenue
- Park operations efficiencies
- Opportunities to reduce regional parks buildings inventory
- Phasing or deferring capital projects for future years
- Opportunities for infrastructure grant funding
- Spending patterns and current trends
Thank You

Regional Parks Committee
Regional Greenways 2050 Plan Update

PHASE 2 ENGAGEMENT APPROACH

Jamie Vala  
DIVISION MANAGER, PLANNING & RESOURCE MANAGEMENT, REGIONAL PARKS

Craig Sobering  
PARK PLANNER, PLANNING & RESOURCE MANAGEMENT, REGIONAL PARKS

Regional Parks Committee Meeting - July 15, 2020

Regional Parks Committee
1999 Regional Greenways Plan

As a Vision, this map illustrates desirable Greenway Linkages. Final greenway routes will respond to many constraints and opportunities and will be developed through more detailed planning and public review.

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Phase 1 Engagement
Regional Greenways Network: Operational Status

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The “Green” in Regional Greenways
Implementation Framework

Colony Farm Regional Park

Regional Parks Committee
<table>
<thead>
<tr>
<th>Method</th>
<th>Purpose</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webinar</td>
<td>Seek service provider feedback on draft Regional Greenways 2050 plan</td>
<td>Fall 2020</td>
</tr>
<tr>
<td>First Nations Engagement</td>
<td>Seek First Nations feedback on draft Regional Greenways 2050 plan</td>
<td>Fall 2020</td>
</tr>
<tr>
<td>Planning Referral</td>
<td>Seek key agency feedback on draft Regional Greenways 2050 plan</td>
<td>Summer/Fall 2020</td>
</tr>
<tr>
<td>Public Questionnaire</td>
<td>Seek public feedback on draft Regional Greenways 2050 plan</td>
<td>Fall 2020</td>
</tr>
<tr>
<td>Advisory Committee Presentations</td>
<td>Seek advisory committee feedback on draft Regional Greenways 2050 plan</td>
<td>Fall 2020</td>
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Market Survey Highlights

• 89% feel greenways in their community is important

• 87% have used a greenway for walking, cycling, other leisure activities, or to get somewhere

• ~ 50% use greenways to go to viewpoints, parks and cultural destinations
Questions?

Brunette Fraser Regional Greenway

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Regional Parks Current State of Assets

BUILDINGS

Jamie Vala
DIVISION MANAGER, PLANNING & RESOURCE MANAGEMENT, REGIONAL PARKS

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Asset Management Policy

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Camosun Bog, Pacific Spirit Regional Park
Regional Parks Asset Management Process

Phase 1 – Asset Inventory
Phase 2 – Condition Assessment
Phase 3 – State of the Assets Reporting
Phase 4 – Levels of Service
Phase 5 – Risk Assessment and Prioritization
Phase 6 – Maintenance & Replacement Planning
Asset Classes

1. Recreational Facilities
2. Buildings & Structures
3. Trails
4. Land Protection
5. Bridges & Boardwalks
6. Utilities
7. Roads & Parking Lots
8. Barriers
9. Signage
10. Furniture

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AssetPlanner™ - Software used for inspections and to forecast asset life cycle

- **Elements** – building parts and their condition, e.g. roof, mechanical systems, etc.
- **Actions** – required maintenance and replacement timelines based on condition
- **Prioritization Model** – ranking system using budget and infrastructure risk values, e.g. safety, service impact, risk of deferral, etc.
Building assets make up approximately 40% of the value of built assets in regional parks.

Regional Parks maintains 333 Buildings with an asset value of $85 million.

Service Yard, Deas Island Regional Park
Buildings by Use

Number of Buildings

- Public Use: 126
- Operational Use: 128
- Other Use: 79

Size and Value of Buildings

<table>
<thead>
<tr>
<th></th>
<th>Sq. M.</th>
<th>Asset Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Use</td>
<td>6,340</td>
<td>$28 M</td>
</tr>
<tr>
<td>Operational Use</td>
<td>8,110</td>
<td>$19 M</td>
</tr>
<tr>
<td>Other Use</td>
<td>10,790</td>
<td>$38 M</td>
</tr>
<tr>
<td></td>
<td>25,240</td>
<td>$85 M</td>
</tr>
</tbody>
</table>
Average Age by Use

- Other Use: 73
- Operational Use: 33
- Public Use: 25
Heritage Buildings and Structures

27 buildings are identified as heritage

By Building Type
- Outbuildings: 5
- Operations: 2
- Vacant: 3
- Private Rental Houses: 7
- Barns: 4
- Public Buildings: 6

Does not include 6 designated heritage buildings within Regional Parks that are maintained by others

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Condition: Facility Condition Index

Facility Condition Index = \[ \frac{\text{Total cost of existing deficiencies}}{\text{Replacement cost}} \]

Facility Condition Index Rating Scale

- Very good: 0-1%
- Good: 1-5%
- Fair: 5-10%
- Poor: 10-30%
- Critical: >30%

Target: Poor or better

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Asset Condition (By Facility Condition Index)

Current Building Condition (2020)

- **Overall FCI 6.8% FAIR**
  - Very Good (0 to 1%): 213
  - Good (1-5%): 34
  - Fair (5-10%): 32
  - Poor (10-30%): 33

5 Year Forecast with Existing Funding

- **Overall FCI 12.2% POOR**
  - Very Good (0 to 1%): 148
  - Good (1-5%): 35
  - Fair (5-10%): 26
  - Poor (10-30%): 58
  - Critical (>30%): 66

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Inventory (Maintained by Others)

40 Non-MV Maintained Buildings within Regional Parks
*small ancillary buildings not included

Types Of Buildings

<table>
<thead>
<tr>
<th>Type</th>
<th># of buildings</th>
</tr>
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<tbody>
<tr>
<td>Airpark</td>
<td>1</td>
</tr>
<tr>
<td>Campground</td>
<td>1</td>
</tr>
<tr>
<td>Canoe/Kayak Rental</td>
<td>1</td>
</tr>
<tr>
<td>Children's Camps</td>
<td>1</td>
</tr>
<tr>
<td>Community Gardens</td>
<td>1</td>
</tr>
<tr>
<td>Environmental Education</td>
<td>1</td>
</tr>
<tr>
<td>Equestrian</td>
<td>1</td>
</tr>
<tr>
<td>Fish Hatcheries</td>
<td>5</td>
</tr>
<tr>
<td>Mobility Recreation Society</td>
<td>1</td>
</tr>
<tr>
<td>Recreation Societies</td>
<td>1</td>
</tr>
<tr>
<td>Rental House / Cabin</td>
<td>1</td>
</tr>
<tr>
<td>Rowing Club</td>
<td>1</td>
</tr>
<tr>
<td>Wildlife Rehabilitation</td>
<td>1</td>
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Buildings Study

1. Establish levels of service
2. Develop a decision-making framework
3. Set priorities for:
   - Building maintenance
   - Replacements
   - New construction

Nature House, Burnaby Lake Regional Park
Inverholme Schoolhouse, Deas Island Regional Park
B.C. Mills House & Pit Toilets, Lynn Headwaters Regional Park

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$ Budget
30-year Funding Models (Current annual budget = $1.3 million)

Calculated average funding to maintain assets at a 30% target
= $2.0 million

Calculated average funding to maintain assets at a 10% Target
= $2.8 million

- Indicates the condition of buildings if no maintenance is done.
- Indicates the condition of buildings with an annual funding of $1.3 million applied.
- Indicates the condition of buildings with an annual funding set to achieve a specific FCI target by 2049.
30-year Funding Gap

Service Yard, Colony Farm Regional Park

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Next Steps

1. State of the Assets Report
2. Buildings Study
3. Asset Management Plan
Questions?

Minnekhada Lodge, Minnekhada Regional Park

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