

**BURNS BOG ECOLOGICAL CONSERVANCY AREA
SCIENTIFIC ADVISORY PANEL MEETING
Teleconference Call Meeting
Tuesday, July 22, 2008 from 9:00 – 10:00 am**

Meeting Notes

ATTENDEES:

Dr. Richard Hebda, Scientific Advisory Panel
 Dr. Paul Whitfield, Scientific Advisory Panel
 Dr. John Jeglum, Scientific Advisory Panel
 Dr. Geoff Scudder, Scientific Advisory Panel
 Allan Dakin, Scientific Advisory Panel
 Sarah Howie, The Corporation of Delta
 Mike Brotherston, The Corporation of Delta
 Angela Danyluk, The Corporation of Delta
Chair, Mitch Sokalski, Metro Vancouver Regional Parks
 Greg Paris, Metro Vancouver Regional Parks
 Wendy Warn, Metro Vancouver Regional Parks
 Loger Aure, Metro Vancouver Regional Parks
 Sue Mah, Metro Vancouver Regional Parks

REGRETS:

Dr. Hammish Kimmins, Scientific Advisory Panel
 Dr. David Bellamy, Scientific Advisory Panel
 Jennifer McGuire, BC Ministry of Environment
 Barry Smith, Environment Canada

1.0 Welcome and Introductions

2.0 Meeting Objectives

2.1 Update and Confirm Schedule Process

- **Management Planning and Implementation (Discussion)**
 - Need LIDAR and hyperspectral imagery for vegetation and water regime management
 - Hugh Fraser to arrange a LIDAR flight for Sept/Oct. MV to cost share with Delta.
 - Metro Vancouver (MV) has some research dollars
 - Need flow monitoring devices to measure the outflow of the Bog; Delta does not have flow monitoring devices. The SAP has requested that Gateway install flow meters at specific outflow locations around the Bog.
- **SAP Turning Point**
 - From advising on the development Mgmt Plan to advising on the Mgmt Plan

Action Items

- MV to email the Natural Resource Management Specialist position description to SAP members
- MV and Delta to meet and discuss setting up the LIDAR/hyperspectral flight



2.2 SAP Role and Activities/Draft Terms of Reference

The primary role of Scientific Advisory Panel (SAP) is to advise Metro Vancouver on implementation of the Burns Bog Management Plan. Comments on Terms of Reference to Metro Vancouver.

3.0 BBECA Management Plan and Status Report (Updated Info)

The Federal, Province, Metro Vancouver, and Delta Municipality have all signed off on the BBECA Management Plan. MV is planning an Open House style public information meeting in Fall 2008.

4.0 Delta/MV Parks Updates on Work Activities

Delta is currently working on ditch blocking, water monitoring, and beaver management. Delta has installed 30 piezometers and 11 data loggers and plans to put in more.

2008 vegetation monitoring is complete. MV will be conducting photo monitoring on two transects. MV has hired new staff to operate the Bog area and to be on fire watch. Preliminary fire break mapping being developed and to be shared with SAP as needed. Mapping is underway.

5.0 Draft Workplan

5.1 Review

5.2 Identify Immediate Needs

It is important to capture water data measurements (water balance) in Burns Bog to find its effect on vegetation response, etc. Important to record water movement and evaporation and other molecular deposits (e.g. Calcium). A model is needed.

Action Items

- Consider one or two PhD students for a possibility of 3 – 4 years to build and populate the model that will compile water balance data
- MV has some research funding in operating budgets
- MV and Delta to meet and discuss funding sources and explore how to finance it

6.0 South Fraser Perimeter Road

6.1 MV and Gateway Discussion/Outcomes

The focus of SAP is advising on implementation of the Management Plan, to maintain Bog functions, and minimize impacts to the Bog. There should be agreed principles, concepts, and standard testing when conducting research within the Bog. Gateway should work with consultants that have the experience and understanding of principles and concepts.

Action Item

- MV to arrange a meeting with Gateway and SAP to discuss processes for proactive input to SFPR and to maintain Bog integrity

7.0 Current Fire Hazard

MV staff is on fire watch. MV is trying to maintain Trail 10 west of Hwy 91 (72nd Ave alignment) for better access. The area is impassable due to wetness and vegetation growth. MV will need a temporary inert surface that will not impact

hydrology. Remove vegetation that gets cleared from the site; don't allow invasive plants to become established.

Action Items

- Delta to send out fire map to MV
- MV and Delta to sketch an updated access map with Delta Fire

8.0 Proposed Meeting Schedule

MV and SAP members are to meet regularly every two months (third week of every second month)

Action Item

- MV to email a proposed meeting schedule to SAP

9.0 Other Business

Watersheds and Monitoring Hydrology (Discussion)

A water balance model is critical information to allow us to maintain the ecological integrity of the Bog.

10.0 Adjourn