

**Nimpkish Woodlands Advisory Committee Meeting
Minutes June 5th, 2012
Black Bear Resort, Port McNeill, B.C.**

Committee Attendees:

Bill Nelson, Trevor Egley, Kelly McMahon, Peter Curtis, Steve Lacasse, Neil Smith
Mac Willing, , Paul Barolet, Ed Jackson, Linda Philipp, Christina Mardell

Regrets: Buzz Walker, Gerry Furney, Jack Miller, Ray Lutz, Dave Rushton, Mike Berry
Gaby Wickstrom

Presenter: Peter Curtis

Facilitator: Annemarie Koch

Notes: Kelly McMahon and Annemarie Koch

Safety Procedure and Introductions:

Annemarie went over the safety procedure to follow in the event of an emergency. She also welcomed newcomers and introductions were done. We all reviewed the agenda and shifted the general discussion to after the results of the Participant Satisfaction Survey.

Annemarie reviewed the objectives of the meeting which were as follows:

- to review the minutes and action items from the April 4th, 2012 meeting.
- Follow-up with any comments related to the 2011 Sustainable Forest Management Annual Report-Review of Michel de Bellefeuille's email comments regarding Carbon
- Listen to a recreational caving presentation from Peter Curtis regarding Criterion 1 mandatory discussion items, including management and protection of biological resources of cultural heritage significance, management of cultural values and resources, and locally available processes and methods for identifying sites with special biological and cultural significance.
- review NWAC Woodlands Advisory Committee Participant Satisfaction Survey
- have a general discussion

Business Arising from the Minutes:

Annemarie reviewed the minutes and action items from the April 4th meeting.

Action Item 1 - Add Alert Bay to the community table for Indicator 5.2.3

Responsibility: Kelly McMahon

Due Date: Next annual report (2013)

Action Item 2- Reminder that, as per the Terms of Reference, notices go out 2 weeks in advance of the meeting, and send an email reminder to NWAC members 1-2 days in advance of the meeting.

Responsibility: Kelly McMahon

Due Date: Next meeting, June 13th, 2012

Completed

Action Item 3- Send a list a WFP's corporate research projects and initiatives, the current terms of reference, the 2011 annual report and a pdf of archeologist Jim Stafford's presentation out to NWAC members

Responsibility: Kelly McMahon

Due Date: For next meeting, June 13, 2012

Completed all except for copy of Jim Stafford's presentation. Ed Jackson is following up.

Action Item 4: Bring forward all carbon uptake action items from the March 17, 2011 NWAC meeting, including background on the volume of petroleum products purchased and the volume recycled in a given year to the calculation of indicator 4.1.1 and approaching Shannon Janzen and/or Paul Bavis regarding presenting any new developments with regards to carbon credit trading/purchasing; and bring forward the action item related to developing a more meaningful target than EBITDA for Indicator 5.1.1.

Responsibility: Kelly McMahon and Michel de Bellefeuille

Due Date: For the June 13th meeting.

Discussed at June 5th meeting. Agreed to continue trying to find a set of more meaningful targets that EBITDA for Indicator 5.1.1, and to ask Shannon Janzen to provide an update on carbon credit trading/purchasing sometime in late 2012 or 2013

Action Item 5: Refine Indicator 5.2.2 to include a greater scope of training opportunities available in the DFA, including training provided through contractors, through entry level work, and general education such as North Island College's forestry training.

Responsibility: Kelly McMahon

Due Date: Integrate into SFMP as soon as appropriate and then into 2012 annual report

Action Item 6: Set up an NWAC meeting on June 13th to address carbon action items, Peter's recreational caving presentation and anything else WFP might need to discuss with NWAC members, eg. related to the internal audit.

Responsibility: Kelly McMahon

Due Date: Two weeks prior to June 13th meeting (May 30)

Completed

Action Item 7: Turn in completed participant satisfaction surveys to Kelly

Responsibility: NWAC Members

Due Date: April 11, 2012

Completed

The members adopted the minutes as presented.

Carbon and EBITDA discussion

There was a general discussion around the feasibility of tracking a more meaningful target than EBITDA for Indicator 5.1.1. It was suggested to track by mandays within the division - for both contractors, employees, and creating a method of comparing ourselves to our best years and worst, and to other divisions. It was noted that each division is different and it would be hard to compare ourselves with all of the differences.

Action Item 1: to follow up and see the feasibility of combining a number of targets for Indicator 5.1.1 that better reflect the economic and community benefits generated specifically in this DFA.

Responsibility: Trevor and Kelly

Due date: ongoing

Action Item 2- related to oil consumption. It is possible to measure the amount of oil bought by the company and the amount that is recycled. Possibly look at the feasibility of turning this into a target for Indicator 4.1.1.

Responsibility: Kelly McMahan

Due date: next meeting

A general question was brought up about tracking the productivity of the railway versus modern harvesting. It was also discussed about measuring the environmental benefits of the train versus highway transport for logs. No action item was generated from this discussion.

Action Item 3- ask Shannon Janzen to present new information on carbon credits in the fall or early in the new year. It was agreed that all were interested in learning more about them.

Responsibility: Trevor Egely

Due date: ongoing

Peter Curtis-Cave Presentation-

Peter presented and was supported by a picture filled slide presentation. The slides were of various caves and caving expeditions that he had partaken in.

Peter noted that the longest cave, Mammoth Cave was 350 miles and was located in Kentucky. Tahsis cave on Vancouver Island is 12 km long and the Nimpkish Cave is 5-6 km long.

Peter explained the process of limestone cave formation and explained that speleology was the study of caves.

He noted that all caves are dark...and you need lots of light when visiting.

He explained that caves on the island are always 7 degrees-and usually do not change. He also noted that whatever is deposited in caves can be left there for thousands of years.

Within the island caves he noted that there was no archeological evidence in TFL 37 Holberg, or Zeballos, Tahsis,

Lots of bones can be found in caves among them being: mountain goat bones, marmot bones, short faced bear's bones.

Peter is a member of the British Columbia Speleological Foundation and Vancouver Island Cave Exploration Group of which there are 6 members on the North Island. He noted that there currently are about 400 mapped caves on the island.

He notes in Holberg that there are lots of vertical caves.

He also noted the difference between karst and caves.

Karst is a distinctive type of terrain formed by the dissolution of soluble bedrock by water. It is a distinctive type of terrain.

He defined caves as a natural type of cavity in the earth that connects with the surface, contains a zone of total darkness, and is large enough to admit a human.

There was a question by Paul as to the effect of harvesting operations on caves. Peter notes that previous logging practices caused some trees to fall into the cave holes and have closed up the entrances to caves, but that this practice has largely stopped and in some cases buffer areas were now given to the cave entrances. He did state further that there is little knowledge about cave and more is coming. He further stated that sediments get washed into caves, and water patterns can be changed by logging practices in the vicinity of caves. He also concluded that there was not enough research pre and post-harvest to know the true damage that is done. Monitoring efforts are not complete enough.

Peter noted that in a study in Alaska where salmon were found to be bigger due to limestone in cave water.

A few of the caves and cave features that Peter had in his presentation were of the following:

Devil's Bath

Story Creek

Paradise Lost

Limestone above Muchalat Lake

Rillenkarrren-the way the water runs down the rock it creates a long cylindrical tube in rock.

Pelucidar Cave-gated cave- in Noomas Creek-

Cave crickets-

Gold River White Ridge Cave

Peter noted the difference between stalagtites and stalagmites.

Stalagtites-secondary material (speleotherm) that hangs from the ceiling of limestone caves

Stalagmites- corresponding material from the floor of a cave

Columns are made when the stalagtite and stalagmite meet

Helictites (is a speleotherm found in limestone caves that changes it axis from the vertical at one or more stages of growth-were noted in some of the cave pictures

Cave pearls-formed by water dripping from the ceiling and swirls around making a small pearl-amazing stuff!

Peter noted that caves get measure using the following devices-

Compass, clinometer, and tape measure.

A few notable caves in the North Island Area were:

Bonanza Lake-Grad Cave-

Arch Cave 45m in the Nimpkish Valley-clean washed and it fills up in the winter-make sure you visit in the summer

Blue Water Cave in Holberg-guys got stuck-wetsuits are worn.

A River to Nowhere-Eternal Fountain-near Alice Lake-

Artlish Caves

Some more notable comments were that the passage under water is called a sump.

Question from Steve:- is there a way to get out caving- with only 6 members and lots of caves it is tricky. Peter recommended visiting Huson Lake Caves, Horne Lake Caves, and guided tours in Port McNeill with Dave Wall and Dennis Mitchell

Peter was also asked if there is a lot of vandalism in caves and his answer was that there could be, including beer cans and graffiti. He noted that this is why a lot of cave locations are not given out.

Summary of Participant Satisfactory Survey-

Summary of things to consider-

Action Item 4-try to gain a Community Forestry Representative- possibly Stuart Ellis, or Gord Glover-

Responsibility-Trevor

Due Date: Next meeting

Action Item 5- Get a cross division PAG meeting- in Port McNeill

Responsibility- Kelly and Trevor

Due Date- ongoing

Action Item 6- Take out an annual advertisement and generate an associated press release outlining what NWAC does, how a person can become a member and how information about NWAC and SFMP's can be accessed.

Responsibility: Kelly and Trevor

Due Date: ongoing

Question from Mac Willing-leading to

Action Item 7- organizing a meeting with Kerry McGourlick, and John Deal on the planning process and 'way forward' for Englewood.

Responsibility: Trevor

Late 2012-2013 for a meeting-

Due date: Next Meeting-to be further discussed and organized

General Discussion-

Ed Jackson relayed that Jim Stafford is on the Kokish project and is finding more artifacts-carbon dating is being completed but so far it is dating back 9400 years- Arch Branch is very interested in this

Trevor noted and passed out the new IP address for Englewood's Operational Information Website-monthly perspective on what is active within the TFL.

Trevor noted that Englewood's Audit Dates are -September 17-21st-with a possibility that NWAC members might be to be asked to participate in the audit. It is an external Audit-

Regional district- highway aesthetic-Parks are coupling with WFP-to work on the Hoomak Lake viewpoint.

Action Item 8-to follow up with the Regional District on their concerns regarding trees growing up around viewpoint areas, including Hoomak Lake, by working with the RDMW's parks department to do some selective pruning, and by making arrangements for a representative of WFP to make a presentation to the RDMW Board that provides context for forest management and harvesting decisions.

Responsibility: Trevor

Due Date: ongoing

Process with the 'Namgis to sign AIP. 15-16,000 ha to be affected. Section 13-'Namgis is talking to Western about the TSL lands.

Dennis Swanson is fixing the road to Schoen Lake Provincial Park.

It was noted by Kelly that WFP has acquired money from Parks thanks to the perseverance of Bev Weber and Jeanne Matthews. WFP Englewood has hired 3 high

school summer students to complete the Lookout trail and projects on Hoomak Lake Trail.

Next scheduled meeting is Tuesday October 9th.

Meeting Adjourned at 9 p.m.