

Packwood Lake Hydroelectric Project
Water Quality and Aquatic Resources Committee
May 31, 2006
Meeting Summary¹

Presentations

- Packwood Hydroelectric Project, Packwood Lake Drawdown Study – Status Report, Wetland Hydrology Interim Report. Also available on website at: http://www.energy-northwest.com/generation/packwood/relicensing/aquatic_meeting_minutes.php
- Video of spill event (not available on website)
- Photographs of potential barriers at various flows during the overtopping event. Also available on website at: http://www.energy-northwest.com/generation/packwood/relicensing/Aquatic_studyplan_reports.php

Handout

DRAFT, Packwood Lake Drawdown Study, Wetland Hydrology Interim Report: 1st Year's Study Results, May 26, 2006. Also available through the website at: <http://www.energy-northwest.com/downloads/gen/packwood/relicensing/WetlandHydrologyInterimReportMay2006.pdf>

Summary of Discussions

Kent Doughty, EES Consulting, presented an overview on the study results for wetlands hydrology. Based upon the results, EES Consulting and Energy Northwest recommended that the piezometers for Stations 1, 2, 3, 4, and 6 remain in place through October 31, 2006, monitoring of the piezometer for Station 5 should be discontinued, and a new piezometer installed near Station 4 and constructed such that the clay layer not be penetrated. The pros and cons were discussed and the consensus of the Committee was to concur with the recommendations, provided that piezometers remain in place until the lake level has recovered from the drawdown and/or just after the first snow, so that QA/QC checks may be completed.

The draft of the first season of the Packwood Lake Drawdown Study will be available by June 30, 2006. Included will be a full discussion of the wetland hydrology data, soil information, bathymetric data, functional assessment, and erosion potential. Because of the precipitation event in late September, completion of data collection for the stream connectivity study has been postponed until July.

A video of the spill event and still photographs taken at potential barriers for various flows were shown. The spill event began on May 18, 2006 and was projected to be completed the morning of May 31. (Note: overtopping of the drop structure ceased at approximately noon on May 31). Because of the snow pack, it is expected that more overtopping could occur, even with the plant

¹ These meeting summary notes are not verbatim. They do not reflect formal decisions by Energy Northwest, any agency, tribe, non-governmental organization, or interested stakeholder.

operating at hydraulic capacity. Energy Northwest plans to notify FERC that the spill event was completed.

Actions from the Meeting

- The draft report for the Packwood Lake Drawdown Study will be issued on June 30, 2006.
- Committee members were asked to check their calendars for August, and get back to Laura Schinnell on possible meeting dates or schedule conflicts.

Tentative Date for Next Meeting

The tentative date for the next meeting is the first week of August.

Attendance

See attached.

Water Quality & Aquatic Resources
Committee Meeting
5/31/06

<u>Name</u>	<u>Organization</u>
Laura Schinnell	Energy Northwest
Bernice Kasko	Energy Northwest
Dan Ross	EN
Gary Sprague	WDFW
Bill Kiel	Energy Northwest
Brian Peck	USFWS
Mike Iyall	Cowlitz Indian Tribe
Ken Wieman	USFS
Karen Thompson	USFS - GP NF
George Lee	YN
Clifford Cassescka	YAKAMA NATION
Kent Douglas	EES