
MEETING AGENDA

LEWIS RIVER HYDROELECTRIC PROJECTS SETTLEMENT AGREEMENT

LEWIS RIVER FISH PASSAGE

ENGINEERING SUBGROUP INTERIM MEETING

NHC HYDRAULIC MODEL LAB

SEATAC, WA

TUESDAY, APRIL 8, 2008

TIME: 9:00 AM – 1:00 PM

Purpose – Interim hydraulic model meeting for Engineering Subgroup (ES) to: 1) review agency observations of modeling data provided at the last ES meeting, 2) obtain feedback from additional model runs performed since the last ES meeting, and 3) help direct model program needs prior to the next full subgroup meeting currently scheduled for April 28, 2008.

- I. [9:00 am] Welcome
 - a. Review agenda
 - b. Other administrative items (as needed)

- II. [9:05 am] Review model runs with Corner Entrance up to and since last ES meeting
 - a. [9:05 am] Review weir charts
 - i. fixed 4', 5', or 6' width, variable flow
 - ii. weir charts with or without control gate
 - iii. discuss initial ES recommendations

 - b. [9:30 am] Baseline runs – Review data in office (full generation flow)
 - i. with corner entrance weirbox bottom at EL 29.4
 - ii. with corner entrance weirbox bottom at EL 34.0
 - iii. discuss any affects on the left bank eddy (looking downstream) due to weir box bottom elevation.

 - c. [9:50 am] Baseline runs – Observe model, same as above.
 - i. dye tests only, photo documentation as desired
 - ii. document any reduced flow runs with units to observe tailrace flow patterns

 - d. [10:30 am] Review left bank eddy
 - i. interactive model work
 - ii. pro's and con's, biological and hydraulic observations
 - iii. goals

