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Subject: Schedule and Request for Statement of Concurrence - Reduced Flow Operations To Implement Chelan River Steelhead Trout Egg to Emergence Survival Study
Date: Tuesday, March 21, 2017 5:29:13 PM
Importance: High

PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY

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To: Chelan River Fishery Forum

Washington Department of Ecology

Washington Department of Fish and Wildlife

United States Forest Service

National Park Service

United States Fish and Wildlife Service

National Marine Fisheries Service

CCT (Colville)

YN (Yakama)

CTUIR (Umatilla tribe)

City of Chelan

Lake Chelan Sportsman Association

United States Geological Survey

Washington State Parks and Recreation Commission

Washington State Recreation and Conservation Office

Lake Chelan Recreation Association

American Whitewater

From: Steven Hays, Fish & Wildlife Senior Advisor
Public Utility District No. 1 of Chelan County (Chelan PUD)
steve.hays@chelanpud.org
(509)661-4181

Re: Lake Chelan Hydroelectric Project No. 637 (Project)
**Schedule and Request for Statement of Concurrence - Reduced
Flow in Chelan River Habitat Channel**
To Implement Chelan River Steelhead Egg to Emergence
Survival Study

Dear Chelan River Fishery Forum and Other Parties:

My apologies for the very lengthy email that I sent regarding the Steelhead Egg to Emergence Survival Study, which was a lot of information to digest at one time. For that reason, I am sending you this email with just the schedule for the reduced flow operations in the Habitat Channel that are necessary to conduct this study.

I am requesting that CRFF members who represent agencies with management authority provide a response to this email indicating that they either agree with the flow reduction or, if they object, to provide a statement regarding the reason for their objection.

As stated in the previous email, this flow reduction is necessary to conduct this study, which is a requirement of the terms contained in the Lake Chelan Hydroelectric Project's License. Chelan PUD, for reasons stated in the preceding email, is certain that this short-term flow reduction, according to the schedule below, will not have any adverse effects on aquatic life in the Habitat Channel. This flow reduction will be kept to the minimum duration necessary for conduct of the study.

Thank you in advance for your response.

Steve Hays

SCHEDULE FOR FLOW REDUCTION OPERATIONS - 3/23/2017

Initial Flow Conditions Approximately 290 cfs (88 cfs from Reaches 1-3 and 205 cfs from pumped flow with four pumps in operation)

0800 - 0830 Reduce flow to approximately 240 cfs by turning off one pump (three pumps remain in operation)

0900 - 0930 Reduce flow to approximately 190 cfs by turning off one pump (two pumps remain in operation)

1000 - 1030 Reduce flow to approximately 140 cfs by turning off one pump (one pump remains in operation)

1100 - 1130 Reduce flow to approximately 90 cfs by turning off one pump (all pumps turned off)

Late Afternoon - dusk Restore flow to approximately 290 cfs (four pumps in operation)

The reduction in flow at one hour intervals is in order to avoid rapid decreases in water level and dewatering of shallow water habitats to prevent fish stranding.