

From: [Hays, Steve](#)
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Cc: [Osborn, Jeff](#); [Smith, Michelle](#); [Sokolowski, Rosana](#); [Clement, Marcie](#); [Bitterman, Deborah](#); [Buehn, Scott](#); [Campbell, Rob](#); [Willard, Catherine](#); [Underwood, Alene](#); [Hopkins, Scott](#)
Subject: Updated Schedule - Reduced Flow Operations To Implement Chelan River Steelhead Trout Egg to Emergence Survival Study
Date: Wednesday, March 22, 2017 2:58:23 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 - 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:

This is just an update to reflect a shift of one hour in the timing for flow reductions in the Chelan River Habitat Channel to start one hour later in the day. The reason for the change is to allow more time for the Eastbank Hatchery crew to spawn the fish and sort the eggs into 100 egg containers.

This is the new schedule, which also reflects a tighter 15 minute time period for exactly when each pump will be turned off.

Thanks,

Steve

Please reduce pump station flows on the following schedule. The flow rates are approximate due to the variation in pump flow quantity at different tailwater elevations. This schedule is for pump station operations only. There is no change to settings at the Low Level Outlet.

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)

0900 – 0915 Reduce flow to approximately 240 cfs by turning off one pump (three pumps remain in operation)

1000 – 1015 Reduce flow to approximately 190 cfs by turning off one pump (two pumps remain in operation)

1100 – 1115 Reduce flow to approximately 140 cfs by turning off one pump (one pump remains in operation)

1200 – 1215 Reduce flow to approximately 90 cfs by turning off one pump (all pumps turned off)

Upon notification by Scott Hopkins:

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