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June 4, 2012

**VIA ELECTRONIC FILING**

Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission (FERC)  
888 First Street NE  
Washington, DC 20426

**Re: Jackson Hydro Project (FERC No. 2157)  
Instream Flow Modification in Reach 3 of the Sultan River**

Dear Secretary Bose:

The Public Utility District No. 1 of Snohomish County (District) will be modifying the default instream flow schedule for the Jackson Hydroelectric Project (Project) in Reach 3 of the Sultan River during the course of this water year (July 1, 2012 through June 30, 2013); see Attachment 1: Water Year 2012-2013 Modified Instream Flow Schedule. This modification is consistent with the requirements identified under "A-LA 9: Minimum Flows" in Appendix G of the Project's License, and continues the modified flow schedule for current water year (through June 30, 2012) previously filed with the Commission on February 2, 2012.

The purpose of this change to the default schedule identified in A-LA 9 is to provide warmer water during key resident trout spawning and rearing periods in Reach 3 of the Sultan River (the reach between river miles 9.7 and 16.1), as compared to the default flow scheduled identified in A-LA 9. The change will involve re-shaping of the flow release schedule but result in no net change to the annual flow budget. This will balance physical habitat and temperature requirements (see Attachment 2: Reach 3 Flow and Temperature Data). By maximizing releases through the auxiliary line during the stratification period and carefully managing cool water releases, rainbow trout will benefit by:

- Earlier initiation of spawning,
- Shorter incubation time,
- Exposure to longer and warmer growing conditions, and
- Being in a better position to overwinter.

The District consulted with the Aquatic Resources Committee (ARC) at the last Quarterly ARC Meeting in April 2012 regarding the benefits of the modified flow schedule – no members objected to the proposed instream flow schedule for Reach 3 (see Attachment 3: Consultation Documentation). Additionally, the District emailed the ARC with the proposed Reach 3 flow schedule on April 30, 2012, for a 30-day review and comment period. Again, no ARC member objected to the proposed flows. As such, the District will implement this modified flow schedule for Reach 3 effective for Water Year 2012-2013.

Please contact me at the number below, or Keith Binkley (Natural Resources Manager, fish biologist) at (425) 783-1769, if you should have any questions.

Sincerely,



Kim D. Moore, P.E.  
Assistant General Manager of Generation, Water, and Corporate Services  
(425) 783-8606  
[KDMoore@snopud.com](mailto:KDMoore@snopud.com)

cc: Keith Binkley, District  
Aquatic Resources Committee Members

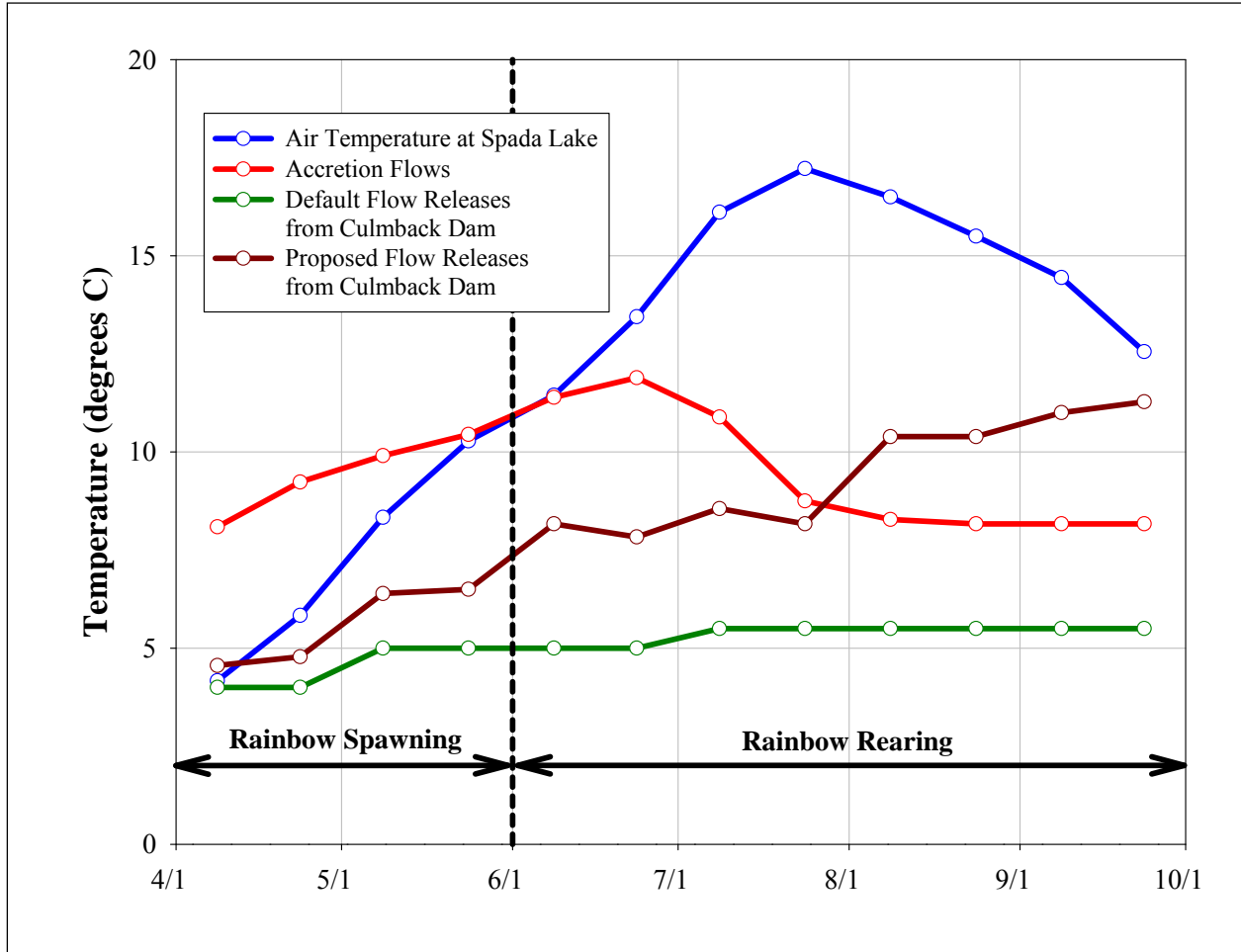
**ATTACHMENT 1:**  
**Water Year 2012-2013 Modified Instream Flow Schedule for Reach 3**

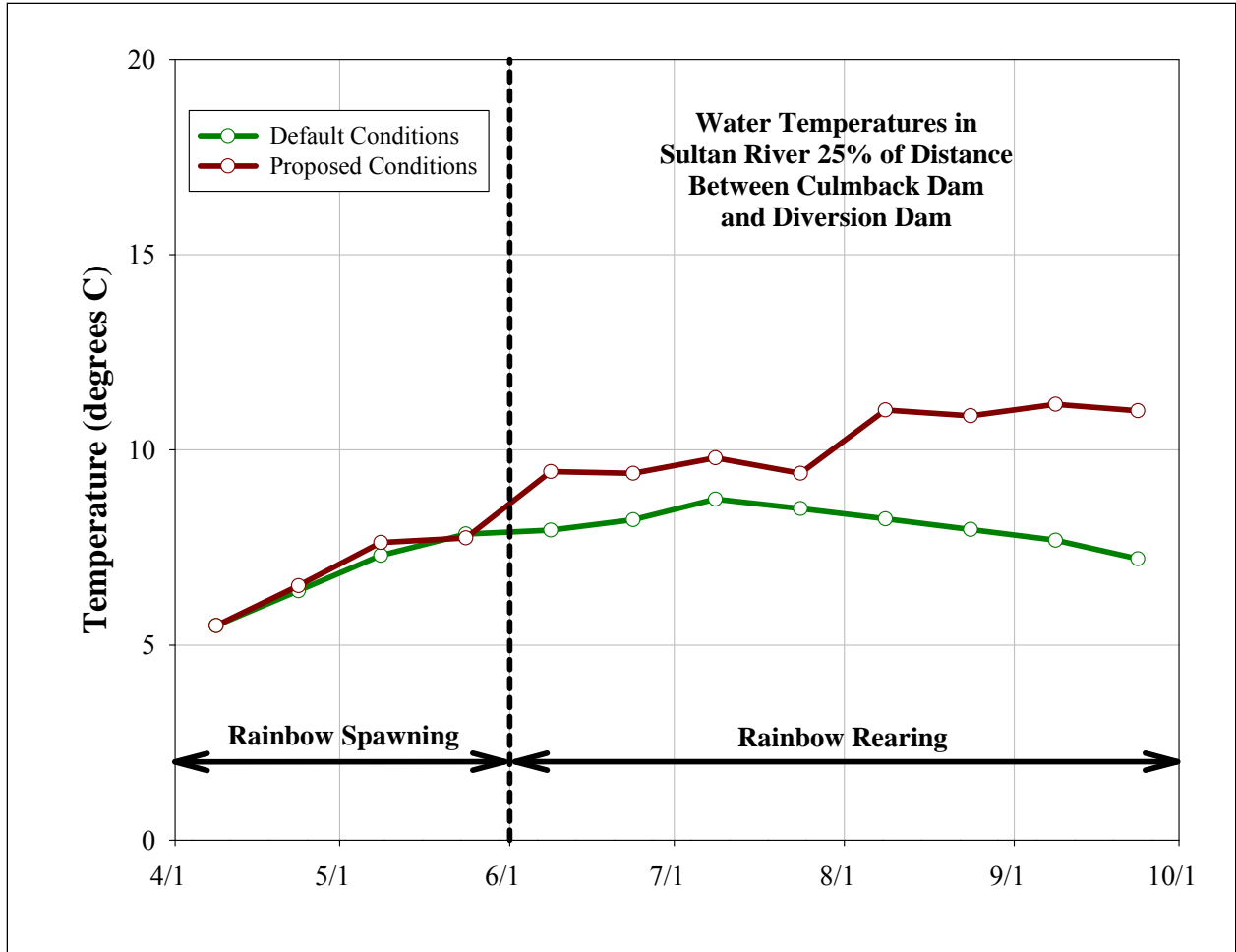
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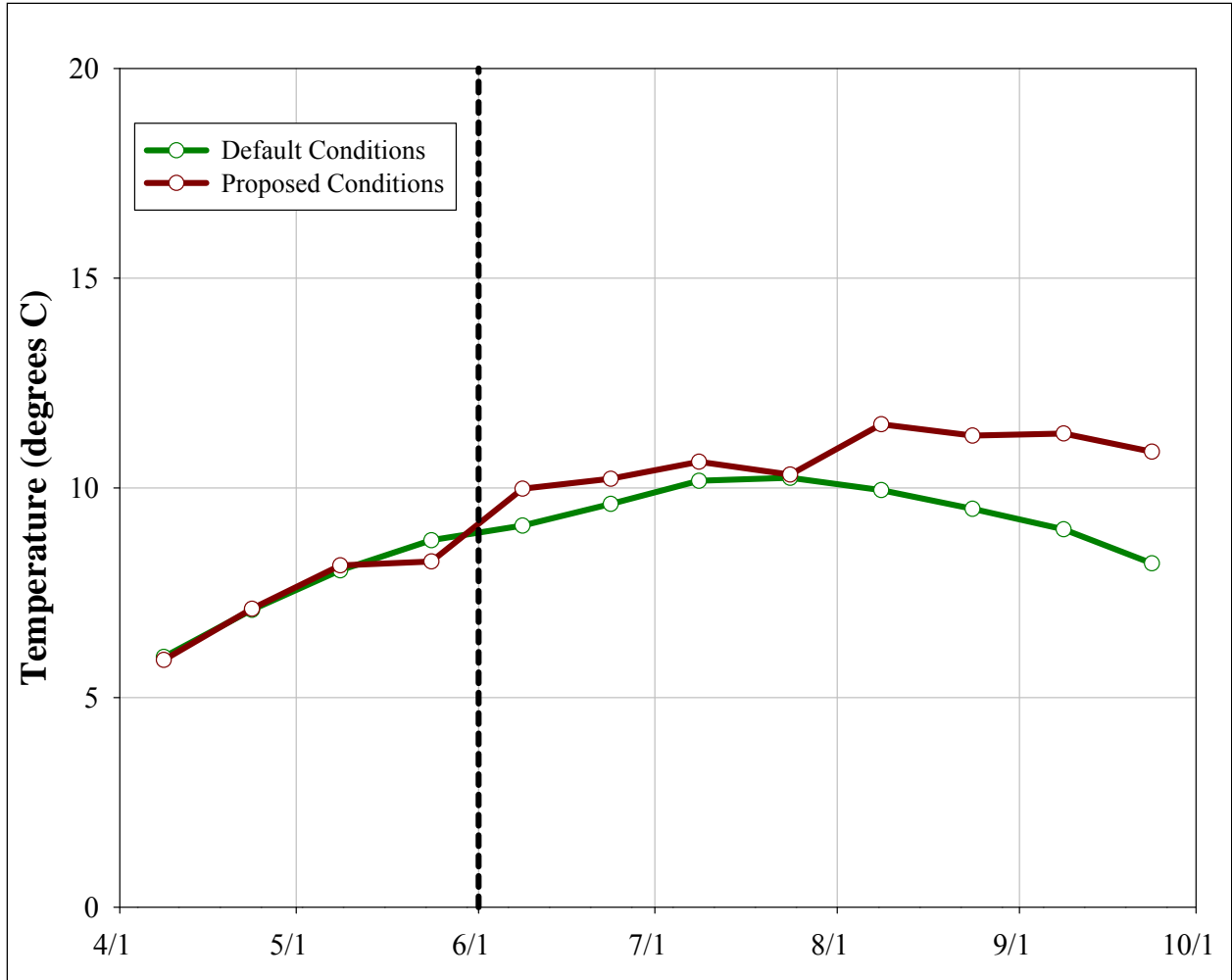
<b>Timeframe</b>	<b>Release Flow (cfs)</b>
July 1*-15	37
July 16-31	42
August 1-15	44
August 16-31	44
September 1-15	43
September 16-30	41
October	21
November	21
December	21
January	21
February	21
March	21
April 1-15	31
April 16-30	25
May 1-15	30
May 16-31	29
June 1-15	23
June 16-30	28

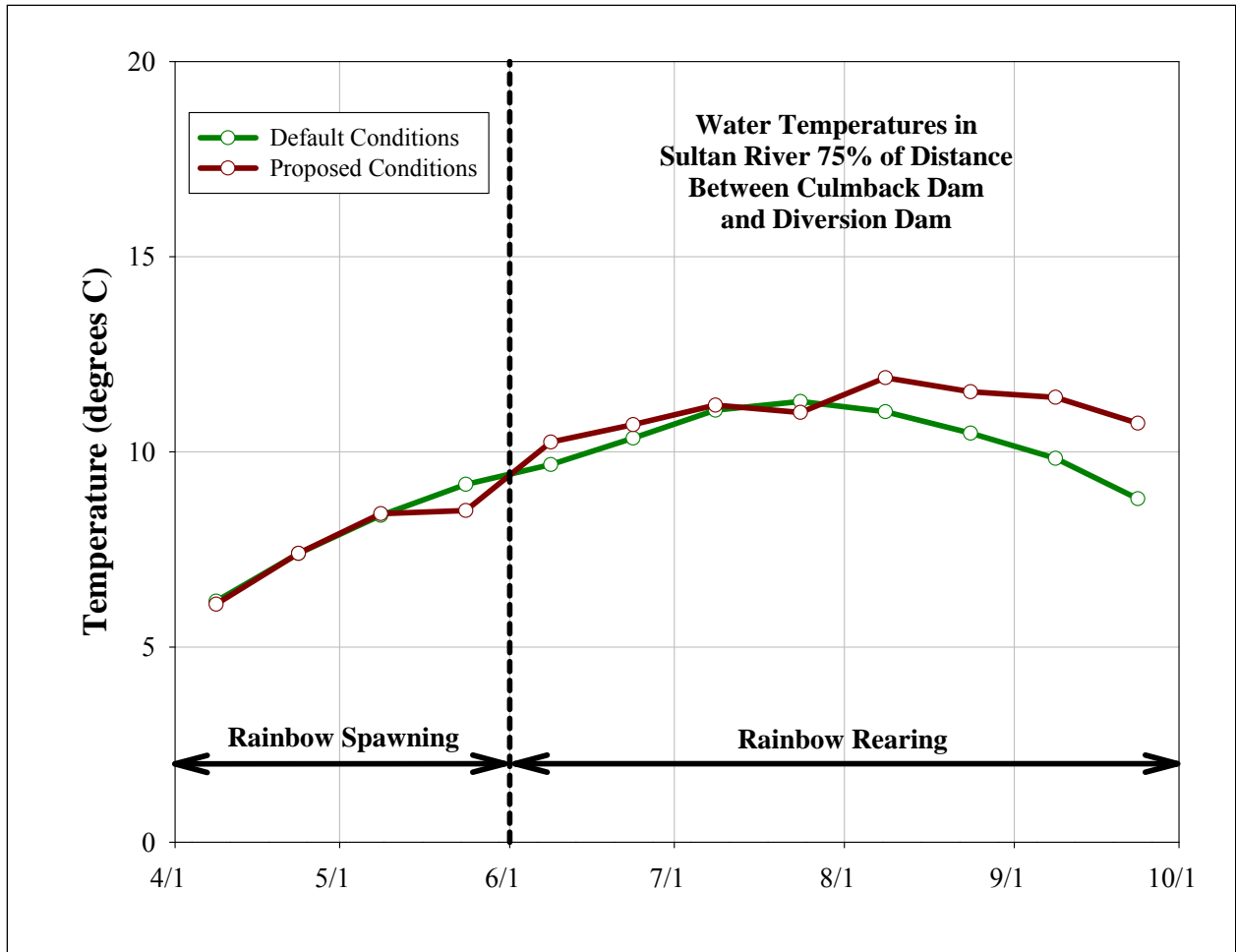
\* July 1 begins the water year.

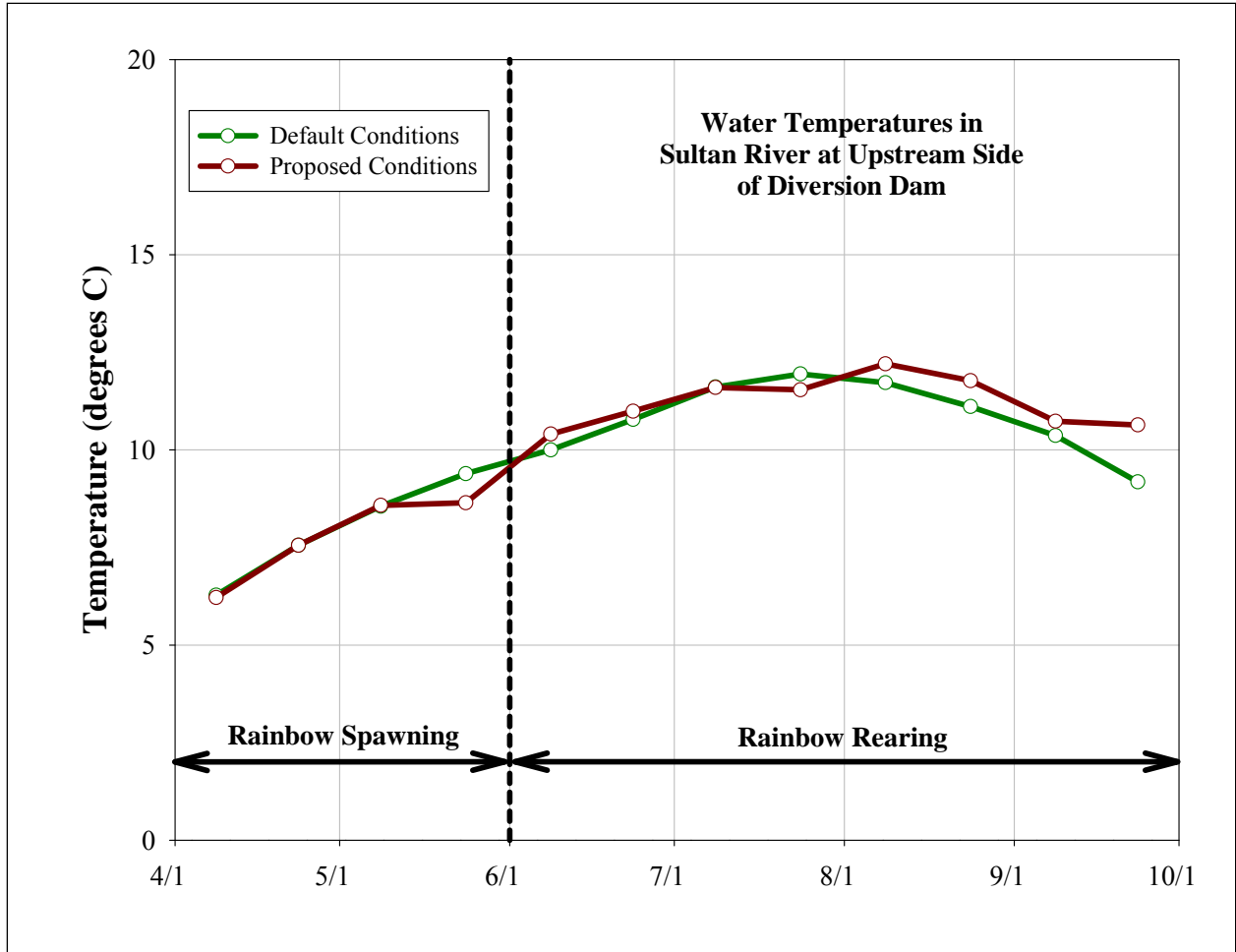
## ATTACHMENT 2: Reach 3 Flow and Temperature Data



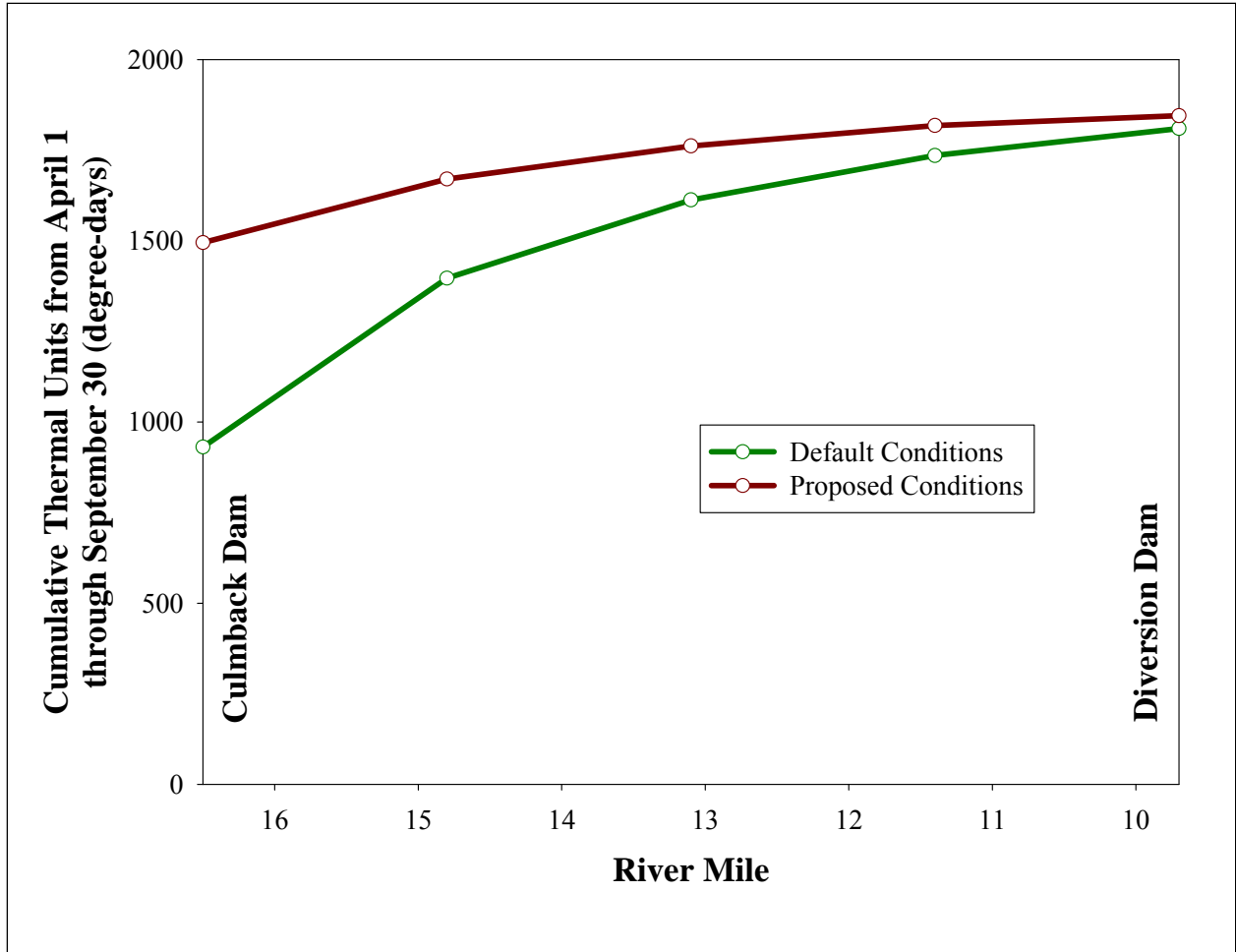












**ATTACHMENT 3:**  
**Consultation Documentation**

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## Presler, Dawn

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**From:** Presler, Dawn  
**Sent:** Monday, April 30, 2012 12:06 PM  
**To:** 'tim\_romanski@fws.gov'; 'Loren Everest - USFS'; 'Anne Savery'; 'Jim Miller'; 'Deborah Knight - Sultan'; 'Maynard, Chris (ECY)'; 'brock.applegate@dfw.wa.gov'; 'Leonetti, Frank'; 'Steven Fransen'; 'Thomas O'Keefe'  
**Cc:** Binkley, Keith; Moore, Kim  
**Subject:** ARC - Reach 3 instream flow

Dear ARC,

As indicated in our ARC meeting, I'm resending the Reach 3 flows to you for your 30-day review (by May 30). These are the flows we previously agreed to at our January ARC meeting to implement. Since the water years overlap with the calendar year, I am resubmitting to you for compliance with A-LA9 before filing it with the FERC by June 15. A lack of response will be deemed approval of the flows as indicated. Thanks.

Timeframe	Release Flow (cfs)
January	21
February	21
March	21
April 1-15	31
April 16-30	25
May 1-15	30
May 16-31	29
June 1-15	23
June 16-30	28
July 1*-15	37
July 16-31	42
August 1-15	44
August 16-31	44
September 1-15	43
September 16-30	41
October	21
November	21
December	21

\* July 1 begins the next water year. This flow schedule will continue between water years.

Dawn

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**From:** Presler, Dawn  
**Sent:** Friday, April 27, 2012 12:39 PM  
**To:** 'tim\_romanski@fws.gov'; 'Loren Everest - USFS'; 'Anne Savery'; 'Jim Miller'; 'Deborah Knight - Sultan'; 'Maynard, Chris (ECY)'; 'James (ECY) Pacheco'; 'mkan461@ecy.wa.gov'; 'brock.applegate@dfw.wa.gov'; 'Leonetti, Frank'

## Presler, Dawn

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**From:** Jim Miller [JMiller@ci.everett.wa.us]  
**Sent:** Monday, April 30, 2012 2:03 PM  
**To:** Presler, Dawn  
**Subject:** RE: ARC - Reach 3 instream flow

OK by me.  
Jim

---

**From:** Presler, Dawn [<mailto:DJPresler@SNOPUD.com>]  
**Sent:** Monday, April 30, 2012 12:06 PM  
**To:** 'tim\_romanski@fws.gov'; 'Loren Everest - USFS'; 'Anne Savery'; Jim Miller; 'Deborah Knight - Sultan'; 'Maynard, Chris (ECY)'; 'brock.applegate@dfw.wa.gov'; 'Leonetti, Frank'; 'Steven Fransen'; 'Thomas O'Keefe'  
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September 16-30	41
October	21
November	21
December	21

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**Presler, Dawn**

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**From:** Steven Fransen [steven.m.fransen@noaa.gov]  
**Sent:** Monday, April 30, 2012 2:09 PM  
**To:** Presler, Dawn  
**Subject:** Re: ARC - Reach 3 instream flow

The previously agreed upon flows in Reach 3 are OK with me.

SF

On Mon, Apr 30, 2012 at 12:06 PM, Presler, Dawn <[DJPresler@snopud.com](mailto:DJPresler@snopud.com)> wrote:

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Dawn

## Presler, Dawn

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**From:** Tim\_Romanski@fws.gov  
**Sent:** Monday, May 21, 2012 3:47 PM  
**To:** Presler, Dawn  
**Subject:** Re: ARC - Reach 3 instream flow

It looks good to me. I would only comment that these flows will continue until fish passage is constructed or change is prompted and agreed to by the ARC.

Tim Romanski  
Fish and Wildlife Biologist  
U.S. Fish and Wildlife Service  
Washington Fish and Wildlife Office  
Division of Conservation and Hydropower Planning  
510 Desmond Drive SE, Lacey, WA 98503  
360.753.5823 (phone) 360.753.9518 (fax)

"Presler, Dawn" <[DJPresler@SNOPUD.com](mailto:DJPresler@SNOPUD.com)>

04/30/2012 12:06 PM

To "tim\_romanski@fws.gov" <[tim\\_romanski@fws.gov](mailto:tim_romanski@fws.gov)>, "Loren Everest - USFS" <[leverest@fs.fed.us](mailto:leverest@fs.fed.us)>, "Anne Savery" <[asavery@tulalipribes-nsn.gov](mailto:asavery@tulalipribes-nsn.gov)>, "Jim Miller" <[JMiller@ci.everett.wa.us](mailto:JMiller@ci.everett.wa.us)>, "Deborah Knight - Sultan" <[deborah.knight@ci.sultan.wa.us](mailto:deborah.knight@ci.sultan.wa.us)>, "Maynard, Chris (ECY)" <[cmay461@ECY.WA.GOV](mailto:cmay461@ECY.WA.GOV)>, "brock.applegate@dfw.wa.gov" <[brock.applegate@dfw.wa.gov](mailto:brock.applegate@dfw.wa.gov)>, "Leonetti, Frank" <[frank.leonetti@snoco.org](mailto:frank.leonetti@snoco.org)>, "Steven Fransen" <[steven.m.fransen@noaa.gov](mailto:steven.m.fransen@noaa.gov)>, "Thomas O'Keefe" <[okeefe@americanwhitewater.org](mailto:okeefe@americanwhitewater.org)>  
cc "Binkley, Keith" <[KMBinkley@SNOPUD.com](mailto:KMBinkley@SNOPUD.com)>, "Moore, Kim" <[KDMoore@SNOPUD.com](mailto:KDMoore@SNOPUD.com)>

Subject ARC - Reach 3 instream flow

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**Cc:** 'Steven Fransen'; 'Thomas O'Keefe'; Binkley, Keith; Moore, Kim

**Subject:** ARC - draft meeting summary and reminder

Dear ARC Members:

Attached are the draft meeting summary and presentation from our ARC meeting last week. Please review and provide edits, if any, on the draft meeting summary by May 7.

Reminder – comments on the Fisheries and Habitat Monitoring Plan Annual Report are due by May 7 as well. (The draft annual report was sent to you on April 5.)

*Dawn Presler*

Sr. Environmental Coordinator

Generation Resources

(425) 783-1709

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PUD No. 1 of Snohomish County

PO Box 1107

Everett, WA 98206-1107