

# Priest Rapids Coordinating Committee

Conference Call Wednesday, April 14, 2014 9:30 – 1:00

### **PRCC Members**

Scott Carlon/Bryan Nordlund, NMFS Bob Rose, YN Jeff Korth, C. Andonaegui, P. Verhey, WDFW Tom Dresser/Curt Dotson, GCPUD Jim Craig, USFWS Kirk Truscott, CCT Tom Skiles (CRIFTC) representing CTUIR Denny Rohr, Facilitator

### Attendees

Scott Carlon, Bryan Nordlund NMFS Bob Rose, YN Jeff Korth, WDFW Tom Dresser/Curt Dotson, GCPUD Debbie Williams, GCPUD Jim Craig/Kate Terrell, USFWS Kirk Truscott, CCT Tom Skiles, CRITFC Russell Langshaw/Peter Graf, GCPUD Denny Rohr, Facilitator

## **Decision Summary:**

- 1. PRCC members agreed to turn off attraction flow water for the Priest Rapids Right Bank Ladder (PRRBL), and let the ladder operate strictly by gravity flow. If fish are seen using the PRRBL and not the Priest Rapids Left Bank Ladder (PRLBL) and OLAFT, the PRRBL will be totally closed off until study fish tagging is complete and/or ladder fixes are deemed successful.
- 2. PRCC members approved If travel time for 90% of the salmonids is within 356 hours from Priest Rapids to Rock Island PIT detectors, ladder fixes are considered successful and trap/haul will cease.
- 3. PRCC agreed to a mortality rate for salmonids of less than 5% at the Wanapum exit, (as calculated daily on a cumulative basis) to consider the ladder fix successful and cease trap/haul. The PRCC will reconvene if the mortality rate approaches 3%.
- 4. PRCC members decided that the PIT-tag sample size will remain the same (200 PIT tags). If it looks like additional tagging is needed, Grant PUD will notify the PRCC, who will make that decision. 10-20 fish will also be tagged with an acoustic tag, and be released back into the river to collect additional data regarding the trap and transport program.

### **Distributed Items:**

- 1. Monitoring and Evaluation of Adults in Response to Modifications to Wanapum Dam Adult Ladder.
- 2. Wanapum Dam Adult Passage and Monitoring Plan 2014 PowerPoint presentation.

## Action Items:

1. Grant PUD committed to provide weekly updates to the PRCC and will review additional conversion rate information (80%-90%).

## **Final Meeting Minutes**

- I. Welcome and Introductions
- II. Wanapum Dam Adult Passage and Monitoring Plan 2014 Russell Langshaw, Grant PUD, presented a PowerPoint presentation on 2014 Wanapum Dam Adult Passage and Monitoring Plan. He explained that the following key decisions need to be made during today's call:
  - Will the Priest Rapids Right Bank Ladder remain open during trapping at the Off-Ladder Adult Fish Trap (OLAFT):
  - PRCC members agreed to turn off attraction flow water for the Priest Rapids Right Bank Ladder (PRRBL), and let the ladder operate strictly by gravity flow. If fish are seen using the PRRBL and not the Priest Rapids Left Bank Ladder (PRLBL) and OLAFT, the PRRBL will be totally closed off until study fish tagging is complete and/or ladder fixes are deemed successful. Criteria needed to decide if trap and transport can be terminated:
    - Travel time 90% within 356 hours (from Priest Rapids to Rock Island PIT detectors) PRCC members approved If travel time for 90% of the salmonids is within 356 hours from Priest Rapids to Rock Island PIT detectors, ladder fixes are considered successful and trap/haul will cease.
    - Conversion rate >80% A majority of the PRCC members decided that if an 80% conversion rate (from Priest Rapids to Rock Island PIT detectors) is achieved in conjunction with the other criteria, trap and transport can be terminated. Consensus was not reached on this item. Grant PUD, based on a majority decision and the need to begin implementation of the plan, moved forward with the 80% conversion rate. Grant PUD committed to provide weekly updates to the PRCC and will review additional conversion rate information (80%-90%). The CCT proposed a conversion rate of >90%, but consensus was not reached on this conversion rate either (Subsequent to the meeting, Kirk Truscott supplied his comments in support of his 90% recommendation).
    - Instantaneous mortality rate <5% PRCC agreed to a mortality rate for salmonids of less than 5% at the Wanapum exit, (as calculated daily on a cumulative basis) to consider the ladder fix successful and cease trap/haul. The PRCC will reconvene if the mortality rate approaches 3%.
  - PIT-tag sample size
    - o Stage I
      - 200 at OLAFT PRCC members decided that the PIT-tag sample size will remain the same (200 PIT tags). If it looks like additional tagging is needed, Grant PUD will notify the PRCC, who will then make that decision. 10-20 fish will also be tagged with an acoustic tag, in order to collect additional data regarding the trap and transport program.
      - Up to 600 previously tagged (in river run-at-large)
    - o Stage II
      - Up to 1000 previously tagged (in river run-at-large)
      - Lamprey monitoring to be developed in PRFF

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From:	Kink Truscott «Vink. Truscott @chilletribes.com> Sent: Mon 4/14/2014 4-44	9 PM
To:	Drohrs@eal.com; Scott.Carlon@noea.gov; @yan.Nordund@noea.gov; justin.yeager@noea.gov; roob@yalamafish-ron.gov; Jm L_Craig@hius.gov; Tom Dresser; Curtis Dolson; jeff.korth@dhiuwa.gov; carmen.andonaegui@dhiuwa.gov; patrick.vefney@dhiuwa.gov; ski@oritic.org; Alysos Buck; Debbie Williams; melosandhr 76@gmall.com	
Cc	Randall Friedlander; Casey Baldwin; Charles Brushwood; Sheri Sears	
Subject:	RE-ATTENTION PRCCRe: PRCC Information for Monday's Webinar	
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criteria. I	are my comments and suggested edits to the Adult Monitoring White Paper discussed during today's conference call. I tried to capture our discussion regarding the 80% conversion and 5% instantaneous mortality I still contend that 20% loss (i.e. 80% conversion) is not safe and effective passage, even though 2011 conversion from TRO to RI was calculated at 80% (considerable outlier in the 2008 2013 data set; see Table 2). 2011 ry high flow year with considerable forced spill, so conversion may have been affected by high discharge, high TDG, fall-back etc. 2014 looks to be an average water year, so 1'd be surprised if migration conditions are 2011.	
number of criteria, w Finally, I l plans and	the 5% instantaneous mortality criteria is concerned, I think we all agree that 5% would be an unacceptable level for fish passing the Wanapum fishways; however, because this assessment could be made upon a small of fish passing at any one time, "chance" mortality may represent a biased assessment that could stop the voltoonal migration strategy if the level was set any lower than 5%. As such I'm willing to accept the 5% as a with the understanding that any observed instantaneous mortality be assessed by the PRCC to determine if it truly represents an issue and what can be done to address the issue should it be "real". Inope that participants don't take way from today's conference call that I'm dissatisfied with GPUD's efforts to formulate plans and assessment oriteria, as this is not the case. It is extremely difficult to not only develop these d criteria, but to also evaluate and agree on plans and monitoring criteria under the time frames required. I'm heartened by the commitment of the parties to adaptively manage the passage issues based upon the data we	=
	mathly expect to collect during the spring passage dates to proceed with the best adult passage strategy for spring Chinook and to provide assessment of volitional passage to help formulate passage strategies for the and fall migration periods, where trap and haul is much less of an option to address the entire passage.	

III. Next (regular) Meeting – April 22, 2014, 1:30 p.m., conference call/WebEx.