



Grant County
PUBLIC UTILITY DISTRICT
Excellence in Service and Leadership

**Priest Rapids Fish Forum
Meeting**

**Wednesday, 2 October 2019
10:00 a.m. – 11:00 p.m.**

MEETING MINUTES

PRFF REPRESENTATIVES

Steve Lewis, USFWS
Ralph Lampman, YN
Pat Wyena, Wanapum
Kirk Truscott, Jason McLellan, CCT
Mike Clement, Chris Mott, Grant PUD
Tracy Hillman, Facilitator

Patrick Verhey, Laura Heironimus, WDFW
Breean Zimmerman, WDOE
Aaron Jackson, Carl Merkle, CTUIR
Keith Hatch, BIA
Tom Skiles, CRITFC/CTUIR
Erin Harris, Grant PUD

ATTENDEES

Donella Miller, YN (Via Phone)
RD Nelle, USFWS (Via Phone)
Patrick Verhey, WDFW
Tracy Hillman, Facilitator

Jason McLellan, CCT (Via Phone)
Mike Clement, Grant PUD
Breean Zimmerman, WDOE (Via Phone)

Action Items:

- Mike Clement will provide an electronic version of the table of daily captures of adult lamprey at Priest Rapids Dam.
- RD Nelle will provide the flier for the third annual Lamprey Information Exchange Workshop.

- I. **Welcome and Introductions** - Tracy Hillman welcomed everyone, and participants introduced themselves.
- II. **Agenda Review** – Members reviewed and approved the agenda.
- III. **Approve September Meeting Notes** – Draft September Meeting Notes were approved.
 - A. **Action Items from September Meeting:**
 - 1. Jason McLellan will look into the availability of written updates on northern pike suppression efforts. If those exist, he will share them with the PRFF. **Complete. Jason will provide updates and reports as they are available.**
- IV. **White Sturgeon Management Plan**
 - A. **Update on Juvenile Sturgeon Rearing** – Donella Miller reported that they just completed sampling and all juvenile sturgeon at the Yakama Nation Sturgeon Hatchery are doing well. She added that on Monday (30 September) they collected blood samples from 50 juveniles from each maternal group or family. Because of small fish size, these were lethal samples (these are surplus fish that would have otherwise been culled). The blood samples were sent to UC Davis for autopolyploidy testing.
 - B. **Juvenile Index Monitoring** – Mike Clement said that crews completed juvenile index monitoring last Thursday (26 September). A single boat crew sampled within Priest Rapid Reservoir and two boats sampled within Wanapum Reservoir. No results are currently available (they will be available after the new year), but anecdotal information indicates that catches this year were similar to past years.
 - C. **Other White Sturgeon Items** – None.
- V. **Pacific Lamprey Management Plan**
 - A. **Adult Lamprey Collection, Transport, and Coordination** – Mike Clement reported that adult lamprey trapping at Priest Rapids Dam began on 6 August and ended on 17 September (for a total of six weeks of trapping). Grant PUD collected a total of 263 adult lamprey, which is lower than last year. Lamprey collected during the first three weeks (N = 152 adults) went to Douglas PUD for their program. Of those 152 adults, 48 went to the Colville Tribes, who released them into Omak Creek and the Similkameen River. A total of 111 adult lamprey were collected during the last three weeks of trapping. These fish were for the Grant PUD program. All were transported and released upstream from Rock Island Dam at Kirby Billingsley Hydro Park. Mike indicated that there were no mortalities and the average daily trap efficiency this year was 30% (see Attachment 1).

Mike reported that about 70,000 adult lamprey have passed Bonneville Dam, 3,236 have passed Priest Rapids, 2,945 have passed Wanapum, 1,064 have passed Rock Island, 904 have passed Rocky Reach, and 14 have passed Wells Dam. Thus, about 8% of the lamprey passing Priest Rapids were trapped and hauled ($263/3,236 = 0.08$).
 - B. **Yakama Nation Translocation Work** – Ralph Lampman was unable to attend the meeting. Therefore, he will provide an update at the next meeting.
 - C. **Other Pacific Lamprey Items** – RD Nelle said the third annual Lamprey Information Exchange Workshop will be held on 12-13 December 2019 at the Water Resources Convention Center in Vancouver, WA (see Attachment 2). Sessions will include tribal research and ecological knowledge, management and regulatory issues, current methodologies, other lamprey species, new passage improvements, contaminants, and an open topic speed session.

VI. **Northern Pike**

- A. **Northern Pike Suppression in Lake Roosevelt** – Jason McLellan provided a summary of northern pike suppression efforts in Lake Roosevelt. He said crews continue to gill net for pike. Because of cooler water temperatures, pike are moving into shallower areas and catch rates have increased. Catch consists mostly of juvenile pike in the fall and most of the fish are captured in the upper third of the reservoir. In early November, crews will conduct a reservoir-wide M&E survey in coordination with WDFW and the Spokane Tribe of Indians to better understand the distribution of pike in the reservoir. Jason added that crews have been testing the efficacy of setlines. He noted that setlines are not working as well as gill nets; however, crews continue to test different setline configurations (e.g., attaching floats to gangions to elevate the hooks off the lake bottom).
- B. **Northern Pike eDNA Sampling within the Project Area** – Mick Clement said Grant PUD collected water samples for eDNA analysis from four different locations within the project area in July. Within Wanapum Reservoir, samples were collected near Crescent Bar and Sunland Estates; within Priest Rapids Reservoir, samples were collected near the mouth of Crab Creek and the Buckshot Recreation and Wildlife Area. These areas were selected because they contain habitat suitable for northern pike (i.e., well vegetated areas). No northern pike DNA was found in the water samples. Sampling methods and results will be described in the 2019 Aquatic Invasive Species report.

VII. **Next Meeting:** If necessary, the next PRFF meeting will be on Wednesday, 6 November 2019 at the Grant PUD Natural Resources Office in Wenatchee, WA.

Attachment 1

Numbers of adult lamprey collected within the right and left-bank ladders at Priest Rapids Dam during 2019.

| Date | Right Bank West Trap | Right Bank East Trap | Left Bank West Trap | Left Bank East Trap | Total Trapped | 24 Hour Window Count | Trap Efficiency (%) | Destination |
|--------------|----------------------|----------------------|---------------------|---------------------|---------------|----------------------|---------------------|-------------|
| 8/6/19 | 1 | 1 | 1 | 6 | 9 | 33 | 27 | DPUD |
| 8/7/19 | 2 | 2 | 2 | 0 | 6 | 16 | 38 | DPUD |
| 8/8/19 | 6 | 3 | 3 | 4 | 16 | 16 | 100 | DPUD |
| 8/9/19 | 1 | 1 | 1 | 7 | 10 | 37 | 27 | DPUD |
| 8/13/19 | 4 | 5 | 4 | 2 | 15 | 34 | 44 | DPUD |
| 8/14/19 | 2 | 10 | 3 | 3 | 18 | 24 | 75 | DPUD |
| 8/15/19 | 2 | 4 | 2 | 4 | 12 | 54 | 22 | DPUD |
| 8/16/19 | 0 | 1 | 6 | 11 | 18 | 69 | 26 | DPUD |
| 8/20/19 | 3 | 2 | 2 | 3 | 10 | 55 | 18 | DPUD |
| 8/21/19 | 7 | 0 | 3 | 0 | 10 | 85 | 12 | DPUD |
| 8/22/19 | 4 | 2 | 0 | 6 | 12 | 36 | 33 | DPUD |
| 8/23/19 | 4 | 3 | 4 | 5 | 16 | 95 | 17 | DPUD |
| 8/27/19 | 3 | 2 | 0 | 5 | 10 | 46 | 22 | GPUD |
| 8/28/19 | 16 | 6 | 0 | 10 | 32 | 49 | 65 | GPUD |
| 8/29/19 | 8 | 3 | 2 | 8 | 21 | 38 | 55 | GPUD |
| 8/30/19 | 6 | 1 | 0 | 3 | 10 | 25 | 40 | GPUD |
| 9/3/19 | Holiday | | | | | | | |
| 9/4/19 | 1 | 0 | 1 | 6 | 8 | 50 | 16 | GPUD |
| 9/5/19 | 0 | 1 | 0 | 6 | 7 | 50 | 14 | GPUD |
| 9/6/19 | 3 | 0 | 0 | 4 | 7 | 43 | 16 | GPUD |
| 9/10/19 | 0 | 1 | 1 | 4 | 6 | 8 | 75 | GPUD |
| 9/11/19 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | GPUD |
| 9/12/19 | 0 | 0 | 0 | 1 | 1 | 19 | 5 | GPUD |
| 9/13/19 | 3 | 0 | 0 | 1 | 4 | 9 | 44 | GPUD |
| 9/17/19 | 1 | 0 | 0 | 4 | 5 | 3 | 160 | GPUD |
| Total | 77 | 48 | 35 | 103 | 263 | 918 | 30 | |

Attachment 2

Save the Date!

3rd Annual Lamprey Information Exchange Workshop



Photo: Jason Dunham

December 12-13, 2019

Water Resources Education Center - Vancouver, WA

The Lamprey Technical Workgroup will host its 3rd annual Lamprey Information Exchange Workshop where participants will learn and share the latest information about lamprey!

This year's workshop will feature sessions on: Tribal Research and Ecological Knowledge; Management and Regulatory Issues; Current Methodologies; Other Lamprey Species; New Passage Improvements; Contaminants; and an Open Topic Speed Session.

There will be an evening social in downtown Vancouver on December 12th where the important work really gets done!

- ❖ Cost to attend the Workshop is \$25 and includes lunch. Registration details coming soon.
- ❖ The following hotels are close to the Water Resources Education Center.

| | | | |
|----------------------|--------------------|-------|----------------|
| Hilton Vancouver | Downtown Vancouver | \$120 | (360) 993-4500 |
| Comfort Inn & Suites | Downtown Vancouver | \$107 | (360) 696-0411 |
| Econo Lodge | Downtown Vancouver | \$75 | (360) 693-3668 |
| Homewood Suites | Vancouver East | \$176 | (360) 750-1100 |
| Red Lion | Jantzen Beach | \$147 | (503) 283-4466 |
| Oxford Suites | Jantzen Beach | \$115 | (503) 283-3030 |
| Rodeway Inn | Jantzen Beach | \$106 | (503) 344-1360 |
| Holiday Inn Express | Jantzen Beach | \$136 | (503) 283-8000 |