

# Rocky Reach Fish Forum

Wednesday, 4 September 2013

1:00 – 4:00 p.m.

Chelan PUD Second Floor Conference Room

Wenatchee, WA



Meeting called by Steve Hemstrom

Chairperson, Tracy Hillman

Notes taken by Suzanne Hodgson

## ***Attending Representatives:***

Hemstrom, Steve	Chelan PUD	(509) 661-4281	steven.hemstrom@chelanpud.org
Huber, Bob	Alcoa	(509) 421-5159	Bob.huber@alcoa.com
Irle, Pat	Ecology	(509) 454-7864p	pir461@ecy.wa.gov
Lewis, Steve	USFWS	(509)665-3508 x14	Stephen_Lewis@fws.gov
Verhey, Patrick	WDFW	(509) 754-4624	patrick.verhey@dfw.wa.gov

## ***Attending Participants:***

Clement, Mike (phone)	Grant PUD	(509) 754-5088 x2633	mclemen@gcpud.org
Hillman, Tracy	BioAnalysts	(208) 321-0363	tracy.hillman@bioanalysts.net
Hodgson, Suzanne	Chelan PUD	(509) 661-4758	suzanne.hodgson@chelanpud.org
Keller, Lance	Chelan PUD	(509) 661-4299	lance.keller@chelanpud.org
Nelle, RD (phone)	USFWS	(509)548-7573	RD_Nelle@fws.gov

## **Meeting Minutes**

### **I. Welcome and Introductions**

Tracy Hillman welcomed everyone to the Rocky Reach Fish Forum (RRFF) meeting and made known that voice recording of the meeting was initiated for note-taking purposes.

### **II. Review of Agenda**

The agenda was approved with two changes: (1) the water quality report was moved from the beginning of the agenda to after the White Sturgeon discussion to accommodate Steve Hays' schedule and (2) an update on juvenile Pacific Lamprey counts at the Rocky Reach Juvenile Bypass sampling facility was added by Steve Hemstrom.

### III. Review and Approval of Meeting Minutes

Minutes from the 7 August 2013 meeting were approved with one addition. Pat Irlle requested more explanation for a comment made by Jessica Gonzalez near the top of page five regarding a link between the objectives in the draft NNI proposal and the \$700,000 detailed in the Rocky Reach Settlement Agreement. It was agreed that Steve Hemstrom would provide explanatory language that could be added as a footnote. It was further agreed that Pat would review the footnote and send her approval to Tracy Hillman so that the notes can be finalized.

### IV. Pacific Lamprey

#### Rocky Reach Project Effects (NNI)

Tracy Hillman explained that Bob Rose would not be attending the meeting and that RD Nelle will provide updates in Bob's stead on the NNI proposal. RD stated that Bob Rose intends to focus the NNI proposal on adult lamprey, primarily because we do not have the methodology to assess the effects of project operations on juvenile lamprey. He added that Bob Rose is refining the strategy and that he will probably send out an updated version of the plan before the next meeting. Tracy noted that it was his understanding that Bob will be focusing on the following objectives: mainstem fishway entrance and passage efficiency, proportion of adults ascending tributaries, fate of adults in reservoirs, adult behavior and passage in tributary streams, and adult translocation research, and that juveniles will be addressed at a later date. RD agreed and noted that entrainment of juvenile lamprey in irrigation diversions in tributaries may be addressed earlier than other juvenile objectives. Tracy indicated that representatives of the USFWS, WDFW, and the tribes have met and continue to work on the draft NNI proposal. Patrick Verhey stated that Bob Rose is also estimating costs for each objective and will analyze the Rocky Reach Settlement Agreement in order to create a bridge between the Agreement and the NNI proposal. Steve Hemstrom added that this effort will be helpful to the District (Chelan PUD). Steve Hemstrom added that many of the objectives involve baseline research, but Chelan PUD could assist within the parameters of the Settlement Agreement. Tracy noted that about three months ago the RRF had discussed convening a smaller working group to determine the connection between the draft objectives and the Settlement Agreement. He asked if this group should be convened and if the PUDs (Chelan, Grant, and Douglas PUDs) should be involved. Patrick agreed that an informal meeting should take place and that he believed that Bob Rose wanted to have such a meeting after refining the draft proposal. Steve Hemstrom agreed and added that each PUD agreement for Pacific Lamprey, especially Douglas PUD's agreement, is sufficiently different such that it might not be fruitful to have Douglas PUD attend. He stated that a second version of the draft proposal would be helpful before convening a small group meeting.

Steve Hemstrom noted that RD has been working on the USFWS Lamprey Conservation Agreement objectives and asked if the radio-telemetry work proposed by the USFWS in the mid-Columbia for adults

was part of the conservation initiative or the NNI proposal. RD stated that for the Conservation Initiative, a template (spreadsheet) is being developed for collecting data on regional issues for lamprey and determining sources of funding. He said the template will include information on threats, proposed actions, potential benefits, and costs. RD added that he needs to convene a group to do this work between now and the end of October, with the product to be completed in December and results sent to the broader lamprey team in January. RD is looking for volunteers. Steve Hemstrom asked if he (RD) is working with the Joint Fisheries Parties. RD replied that the conservation agreement is region-wide. Steve Hemstrom stated that Chelan County PUD will probably not be involved in a telemetry study unless the RRF agrees to it and the work connects directly to achievement of NNI. RD stated that Steve Lewis is involved with linking these efforts to the Settlement Agreement. Steve Hemstrom asked RD if the RRF's original Project Effects table would be helpful in filling out the USFWS's template. RD indicated that it would be useful.

Discussion took place regarding the Wells Dam telemetry study, adult passage assessment, and supplementation efforts in other locations. Steve Lewis asked if some of the Settlement Agreement funds used to do passage studies in tributaries would meet NNI requirements. Steve Hemstrom replied that \$700,000 is available for studying juvenile passage, but we would need to be careful about not going beyond that scope of the Agreement without consensus on how the effort would link to achieving NNI. Steve Lewis stated that since the Settlement Agreement was signed, more knowledge has been gained and that the RRF should consider being more flexible with the money to achieve something more fruitful. Steve Hemstrom replied that achieving NNI is what we agreed to, and that the RRF must agree to any alternate use of funds, and that there must be agreement that the work to be undertaken is the most important.

Tracy asked if there is a policy body above the RRF that deals with issues that cannot be resolved in the RRF. Steve Lewis stated that there is a Rocky Reach Policy Group. Discussion took place regarding the policy group representatives and the need to stay up-to-date on the membership of this group. Bob Huber asked about the need to communicate with FERC in the case of undertaking work outside of the Settlement Agreement. Steve Hemstrom stated that the RRF can engage in "off-site" mitigation work or other projects for lamprey if all parties involved agree. Bob Huber expressed concern about Steve Lewis' comment regarding a lack of lamprey knowledge in the past and that the Settlement Agreement needs to be flexible. He added that the RRF must live with the Settlement Agreement as it is written. We need to avoid surmising or re-interpreting what parties thought at the time of signing the Agreement. Steve Lewis replied that he doesn't advocate going outside of the Settlement Agreement, but that he would like to see some level of flexibility.

## Action Items:

- Bob Rose will continue refining the draft NNI proposal and will set up a small group meeting in the future.
- Steve Hemstrom will send RD Nelle the mainstem passage effects table.
- Patrick Verhey will send an e-mail to Steve Hemstrom indicating that Jim Brown is the new WDFW policy representative.
- Steve Hemstrom will ask Michelle Smith to provide a list of current policy and technical representatives (following the meeting, Steve Hemstrom provided a list of policy representatives; see Attachment 1).
- Steve Hemstrom will talk to the Colville Tribes about who will replace Jerry Marco as their technical representative.

## Future Planning: Potential Juvenile Lamprey Measures, Timeframe, and Budgeting

No new updates. This topic was covered in the section above.

## Lamprey Counts at Rocky Reach

Steve Hemstrom stated that juvenile lamprey counts from the Rocky Reach juvenile bypass were sent to the RRF as an action item from the last meeting. He clarified the meaning of the terms “migratory” and “non-migratory”. Simply, if the juvenile lamprey had eyes, they were considered “migratory.” If no eyes were apparent, juvenile lamprey were considered “non-migratory.” Discussion took place regarding these distinctions, as well as correlations between timing of counts at Rocky Reach and the observation of juveniles in the Entiat smolt trap operated by the USFWS. Tracy Hillman stated that he does not believe that Chelan PUD needs to re-send the lamprey count document as clarification on juvenile distinction has been made and will be reflected in the notes.

## Adult HD PIT Monitoring

Steve Hemstrom reported that adult lamprey are moving and that he is coordinating with Grant PUD. He stated that an adult lamprey was detected on 31 August and on 1 September at Rocky Reach Dam. One fish passed the dam; the other remains in the tailrace. He added that four adult lamprey moved between Wanapum and Rock Island dams, a distance of 37.6 miles, in an average of 6.89 days for an average speed of 5.46 miles per day. He stated that this travel time is similar to that of spring Chinook. He noted that no tributaries are present in the Wanapum reservoir. Steve Hemstrom added that he is putting together a table that details detections of PIT-tagged adult lamprey.

## V. Resident Fish

### Resident Fish Report – WDFW Revision

Tracy Hillman reported that the Rocky Reach resident fish report was due on 30 August 2013, but that

deadline was not met. Steve Hemstrom stated that the report is needed by Chelan PUD for completion of its Water Quality report. Patrick Verhey had no new information on the status of the report. Steve Hemstrom stated that a few extra days to complete the resident fish report is not a problem.

**Action Item:**

- WDFW staff will provide the Rocky Reach resident fish report to the RRF when it is available.

### **Bull Trout and the Operation of Tumwater Dam**

Steve Lewis stated that his agency has issued take of bull trout for activities at the Rocky Reach Project, including activities at Tumwater Dam, but that there is some ambiguity regarding responsibility among activities conducted by Chelan PUD, WDFW, and the tribes at Tumwater Dam. He advocated a discussion among the affected parties and added that WDFW has overstepped their bounds on the Section 6 permit. Tracy Hillman asked if this was about the relative reproductive success study, broodstock collection, and/or monitoring (stock assessment). Steve Lewis replied that it includes a number of activities. At Steve Lewis' request, Tracy Hillman will keep this topic on future agendas.

**Action Item:**

- Tracy Hillman will keep the effects of Tumwater Dam activities on bull trout on future agendas.

### **Twenty-Five Mile Creek Update**

Tracy Hillman reported that he reminded Jason Lundgren with Cascade Columbia Fisheries Enhancement Group that the RRF would like an opportunity to review the engineering alternatives for fish passage at Twenty-Five Mile Creek. Jason provided the RRF with a document (e-mail and engineer's concept) that described the preferred alternative. Tracy noted that he received an e-mail from Bryan Nordlund, NOAA Fisheries, who identified some potentially serious issues with the proposed design. Tracy read the e-mail he received from Bryan:

*First, has this consultant built these before, and if so, have they ever been assessed for passage or durability after completion? I ask because I see a flaw in the design - I bet at low flow and maybe even some higher flows, the water surface will go sub-grade just downstream of the culvert. Neither of these designs appeared to backwater the culvert outlet, which means the gradient and porosity will control the water surface elevation transition at the culvert outlet to the roughened channel. And since at least one of the designs shows a steepened section just below the outlet, this is where I expect flow to either immediately go sub-surface (if they do a poor job selecting and placing the finer fill material), or after time when the fines are eroded by high flows.*

The RRF agreed with Bryan's concerns and also asked how certain the project sponsor is that the substrate used to build the channel will stay in place during high flow conditions. Patrick Verhey added that his agency's habitat engineer recommended the use of rounded rock, not angular, as well as stating

concerns about slope and sealing up the bed to prevent water going subsurface. Patrick also asked for details on why other engineering options (rock or log weirs) were not selected.

**Action Item:**

- Tracy Hillman will contact Jason Lundgren and let him know that the RRF does not approve the current design. He will ask Jason to provide responses to the RRF's concerns.

### **Chelan County Noxious Weed Board Milfoil Treatment Proposal**

Steve Lewis brought up the Chelan County proposal on milfoil herbicide application along Entiat Park. He noted that a dye study will occur this fall to assess the spread of the herbicide. Steve Hemstrom noted that Chelan PUD and Ecology will be discussing this issue following the RRF meeting. Chelan PUD would like NOAA Fisheries to take a stronger role in the process. Tracy Hillman asked about the link between possible negative effects from the herbicide application and the Rocky Reach Settlement Agreement. Steve Hemstrom replied that even though this not a Chelan PUD project, any negative effects would likely be considered the responsibility of Chelan PUD in terms of the Settlement Agreement. In addition, the potential effects of the treatment on Pacific Lamprey are unknown. These and other reasons are why Chelan PUD is concerned with the County's milfoil project.

**Action Item:**

- Tracy Hillman will keep the Chelan County milfoil herbicide proposal on future agendas.

## **VI. White Sturgeon**

### **Juvenile Rearing**

Lance Keller reported that juvenile rearing is going well. The Chelan Hatchery is slightly under-stocked due to the poor hatching success of progeny from one female. Lance described efforts to mitigate for this problem and added that he is hopeful that the Chelan Hatchery will come back to full capacity. He added that culling is taking place at the Columbia Basin Hatchery. Tracy Hillman reported that fish from the 3 x 3 matrix had been flushed accidentally in a standpipe mishap at Marion Drain. Patrick Verhey reported that he had heard that some fish from the Columbia Basin Hatchery will be transported to Marion Drain. These fish are from the 3 x 3 matrix and would normally be culled.

### **Juvenile Monitoring**

Lance Keller reported that indexing and juvenile monitoring have begun. He stated that through the RFP process, Blue leaf, Columbia Basin Research, and LGL were selected to conduct the study using five, ten-day study sessions, with a four-day break in between. He added that the first session had just been completed and that during the first seven days, 64 fish were re-captured that had been previously released. He stated that the consultants initially sampled in the upper reservoir and worked their way

down stream. They then sampled in selected hot-spots using long-line fishing. He noted that the resulting data will be part of the annual indexing and monitoring report.

### White Sturgeon Workshop

Tracy Hillman noted that a White Sturgeon Workshop will take place on Tuesday, 10 September 2013 between 9 a.m. and 4 p.m. at Douglas PUD. He added that Jason McLellan, Dr. Jim Powell, and others will present their work at the workshop. Steve Hemstrom brought up the issue of supplementing white sturgeon while also trying to increase lamprey. Tracy recommended that everyone attend the workshop.

#### Action Items:

- Tracy Hillman will send the white sturgeon workshop agenda to the RRF when it is available.
- Steve Hemstrom will send an agenda item for the workshop to Bob Rose regarding the challenges of increasing white sturgeon while simultaneously increasing lamprey.

## VII. Water Quality

Steve Hays reported that following the approval from the RRF, Chelan PUD filed a second extension request to FERC for the water quality report. He noted that the new schedule for approval will be attached to today's notes (see Attachment 2). Tracy Hillman said that the attachment will be the letter that was sent from Michelle Smith of Chelan PUD to FERC and Ecology. Tracy added that the draft will be completed by 30 September 2013, comments will be due on 1 November 2013, and the final is due to FERC on 15 November 2013. Pat Irle noted that this assumes that the WDFW Resident Fish report is completed ahead of time. Patrick Verhey stated that he expected the Resident Fish Report to be complete within the week.

A short discussion then took place regarding the feasibility of a bottom-up approach to pikeminnow predator control by removing fry and juveniles as opposed to larger pikeminnow. The PUDs currently implement a top-down approach to pikeminnow control.

#### Action Items:

- Steve Hays will complete the draft macrophyte bed report by 30 September 2013.
- Tracy Hillman will send the draft water quality report to the RRF as soon as it is available.

## VIII. Next Steps

The next regular meeting of the RRF will be Wednesday, 2 October 2013 from 1:00 to 4:00 p.m. in the Chelan PUD Second Floor Conference Room.

# Attachment 1

## Rocky Reach Policy Committee Members\*

Agency	Representative	Alternate
WDFW	Jim Brown	Bill Tweit
WA Dept. of Ecology	Charlie McKinney	Pat Irle
WA State Parks	Don Hoch	Larry Fairleigh
BLM	Erik Ellis	Linda Coates-Markle
USFWS	Jessica Gonzales	Steve Lewis
Nation Parks Service	Susan Rosebrough	
Colville Confederated Tribes	Joe Peone	Jerry Marco
Yakama Nation	Paul Ward	Steve Parker
Chelan PUD	Michelle Smith	Keith Truscott

\*Per Sections 15.6.2 and 1.1 of the Settlement Agreement, membership of the RRPC shall be comprised of one designated representative from each of the following: (a) Chelan PUD; (b) each Agency; and (c) each Tribe that is a Party.



## **Attachment 2**

### **Letter from Chelan PUD to FERC about the Second Revised Schedule Regarding the Shallow Water/Macrophyte Bed Sampling and Report**



**PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY**  
P.O. Box 1231, Wenatchee, WA 98807-1231 • 327 N. Wenatchee Ave., Wenatchee, WA 98801  
(509) 663-8121 • Toll free 1-888-663-8121 • www.chelanpud.org

August 29, 2013

Honorable Kimberly D. Bose, Secretary, and  
Nathaniel J. Davis, Sr., Deputy Secretary  
FEDERAL ENERGY REGULATORY COMMISSION  
888 First Street, NE  
Washington, DC 20426

**VIA ELECTRONIC FILING**

Ms. Patricia S. Irle, Hydropower Projects Manager  
Washington Department of Ecology  
Central Regional Office  
15 West Yakima Avenue, Suite 200  
Yakima, WA 98902-3452

Re: **Rocky Reach Hydroelectric Project No. 2145**  
**License Article 401 and Appendix A, Sections 5.6.1, 5.7.1, and 5.7.2**  
**Notification of Second Revised Schedule Regarding the Shallow Water/Macrophyte**  
**Bed Sampling and Report**

Dear Secretary Bose, Deputy Davis, and Ms. Irle:

On May 23, 2013, the Federal Energy Regulatory Commission (Commission) issued a letter order for the Rocky Reach Hydroelectric Project (Project) granting the Public Utility District No. 1 of Chelan County, Washington (Chelan PUD or Licensee) to file the final report for the shallow water/macrophyte bed sampling study by the extended deadline of August 30, 2013, to comply with Article 401 and Appendix A of the license.<sup>1</sup>

This letter is to provide the Commission and the Washington Department of Ecology (Ecology) notification of a second revised schedule for completion for the reasons described below. The Licensee respectfully requests a second extension of time for completing the plan until November 15, 2013.

<sup>1</sup> Order on Offer of Settlement and Issuing New License. 126 FERC ¶61,138 (issued February 19, 2009).

COMMISSIONERS: Carman Bergren, Dennis S. Bolz, Ann Congdon, Norm Gutzwiler, Randy Smith GENERAL MANAGER: John Janney

### Reason for Request

The analysis of the extensive data set collected during the Shallow Water/Macrophyte Bed Water Quality study has taken longer than anticipated. Also, Ecology has requested that the associated final Resident Fish Study Report be available for their review concurrent with the Shallow Water/Macrophyte Bed Water Quality Report review because the fish sampling data from shallow water and macrophyte beds complements the water quality data. The Resident Fish Study Report is expected to be available August 30, 2013.

The revised schedule is as follows:

- September 30, 2013: Draft report to Rocky Reach Fisheries Forum
- November 1, 2013: Comments due
- November 15, 2013: File final report to FERC and Rocky Reach Fisheries Forum

### Consultation

The revised schedule was reviewed and approved by Ecology and the Rocky Reach Fisheries Forum and the consultation summary is attached.

Please contact me or Steven Hays at (509)661-4181 if you would like to discuss this work or if additional information would be helpful.

Sincerely,



Michelle Smith  
License and Compliance Manager  
michelle.smith@chelanpud.org  
(509) 661-4180

Attachment: Consultation Records

cc: Rocky Reach Fisheries Forum

## CONSULTATION RECORDS

---

RRFF Representative Agency	Approve	Tacit Approve (no response)	Disapprove
Washington Dept Ecology	X		
Washington Dept Fish and Wildlife	X		
Colville Confederated Tribes	X		
Yakama Nation		X	
US Fish and Wildlife Service		X	
National Park Service		X	
Alcoa		X	
City of Entiat		X	

---

**From:** Tracy Hillman [mailto:tracy.hillman@bioanalysts.net]

**Sent:** Sunday, August 18, 2013 8:57 PM

**To:** Aaron Jackson; Andrew Gingerich; 'Bob Huber'; Bob Rose; 'Brad James'; 'Bryan Nordlund'; 'Catherine Willard'; 'Chad Jackson'; 'Dave Burgess'; Bitterman, Deborah; Jason McLellan; 'Jeff Korth'; Osborn, Jeff; 'Jerry Marco'; Joe Miller; Josh Murauskas; Justin Yeager; 'Katrina Simmons'; Truscott, Keith; 'Keith Vradenburg'; 'Ken Finicle'; Keller, Lance; 'Mike Clement'; 'Pat Irle'; 'Patrick Verhey'; Ralph Lampman; 'RD Nelle'; 'Reed Glesne'; Hays, Steve; Hemstrom, Steven; 'Steve Lewis'; Steve Rainey; 'Susan Rosebrough'; Hodgson, Suzanne; Tom Skiles; Travis Maitland; Frantz, Waikele M.

**Subject:** RRFF: Revised Schedule for the Rocky Reach Macrophyte Bed Water Quality Report

Hello RRFF,

As you may recall, the Draft Rocky Reach Macrophyte Bed Water Quality Report was due to Ecology on 17 June 2013. Chelan PUD was unable to meet this deadline. Therefore, after consulting with Ecology, Chelan PUD is proposing to provide the draft report to the RRFF on 30 September 2013. The RRFF will review the draft report and provide comments to Chelan PUD by 1 November 2013. Chelan will then provide a final report by 15 November 2013.

**Please let me know by Tuesday, 27 August 2013, if you approve the schedule change.** If I do not hear from you, I will assume you approve the revised schedule.

Please let me or Steve Hays know if you have questions.

Thanks,  
Tracy

---

**From:** Irle, Pat (ECY)

**Sent:** Monday, August 19, 2013 9:42 AM

**To:** 'Tracy Hillman'

**Cc:** Hays, Steve; 'Smith, Michelle'; 'Steve Hemstrom'; Verhey, Patrick M (DFW)

**Subject:** FW: New Schedule for Rocky Reach macrophyte bed water quality report

Hi, Tracy - The new schedule is fine with me, given the conditions described below.

Pat

---

**From:** Jason McLellan [mailto:Jason.McLellan@colvilletribes.com]

**Sent:** Tuesday, August 20, 2013 12:15 PM

**To:** Tracy Hillman

**Cc:** Bill Towey; Bret Nine

**Subject:** RE: RRRF: Revised Schedule for the Rocky Reach Macrophyte Bed Water Quality Report

Hi Tracy,

The CCT approves the schedule change.

Thanks,  
Jason

---

**From:** Verhey, Patrick M (DFW) [<mailto:Patrick.Verhey@dfw.wa.gov>]  
**Sent:** Monday, August 26, 2013 5:17 PM  
**To:** Tracy Hillman  
**Subject:** RE: RRRF: Revised Schedule for the Rocky Reach Macrophyte Bed Water Quality Report

WDFW approves of the revised schedule for the Rocky Reach Macrophyte Bed Water Quality Report.

**Patrick Verhey**  
Renewable Energy Biologist  
WDFW Habitat Program  
Renewable Energy Section  
1550 Alder St N.W.  
Ephrata, WA 98823  
(509) 754-4624 ex. 213  
[Patrick.Verhey@dfw.wa.gov](mailto:Patrick.Verhey@dfw.wa.gov)  
Work schedule is M-Th

---

From: Tracy Hillman <[tracy.hillman@bioanalysts.net](mailto:tracy.hillman@bioanalysts.net)>  
Date: 08/26/2013 7:38 PM (GMT-08:00)  
To: 'Aaron Jackson' <[AaronJackson@ctuir.org](mailto:AaronJackson@ctuir.org)>, 'Andrew Gingerich' <[andrewg@dcpud.org](mailto:andrewg@dcpud.org)>, 'Bob Huber' <[bob.huber@alcoa.com](mailto:bob.huber@alcoa.com)>, 'Bob Rose' <[rosb@yakamafish-nsn.gov](mailto:rosb@yakamafish-nsn.gov)>, 'Brad James' <[jamesbwj@dfw.wa.gov](mailto:jamesbwj@dfw.wa.gov)>, 'Bryan Nordlund' <[Bryan.Nordlund@noaa.gov](mailto:Bryan.Nordlund@noaa.gov)>, 'Catherine Willard' <[cwillard@fs.fed.us](mailto:cwillard@fs.fed.us)>, 'Chad Jackson' <[chad.jackson@dfw.wa.gov](mailto:chad.jackson@dfw.wa.gov)>, 'Dave Burgess' <[Dave.Burgess@dfw.wa.gov](mailto:Dave.Burgess@dfw.wa.gov)>, 'Bitterman, Deborah' <[Deborah.Bitterman@chelanpud.org](mailto:Deborah.Bitterman@chelanpud.org)>, 'Jason McLellan' <[Jason.McLellan@colvilletribes.com](mailto:Jason.McLellan@colvilletribes.com)>, 'Jeff Korth' <[Jeffrey.Korth@dfw.wa.gov](mailto:Jeffrey.Korth@dfw.wa.gov)>, 'Osborn, Jeff' <[Jeff.Osborn@chelanpud.org](mailto:Jeff.Osborn@chelanpud.org)>, 'Jerry Marco' <[jerry.marco@colvilletribes.com](mailto:jerry.marco@colvilletribes.com)>, 'Joe Miller' <[jmiller@anchorqea.com](mailto:jmiller@anchorqea.com)>, 'Josh Murauskas' <[jmurauskas@anchorqea.com](mailto:jmurauskas@anchorqea.com)>, 'Justin Yeager' <[Justin.Yeager@noaa.gov](mailto:Justin.Yeager@noaa.gov)>, 'Katrina Simmons' <[katrina.simmons@dfw.wa.gov](mailto:katrina.simmons@dfw.wa.gov)>, 'Truscott, Keith' <[keith.truscott@chelanpud.org](mailto:keith.truscott@chelanpud.org)>, 'Keith Vradenburg' <[kvradenburg.city@entiat.org](mailto:kvradenburg.city@entiat.org)>, 'Ken Finicle' <[ken.finicle@pse.com](mailto:ken.finicle@pse.com)>, 'Keller, Lance' <[Lance.Keller@chelanpud.org](mailto:Lance.Keller@chelanpud.org)>, 'Mike Clement' <[Mclemen@gcpud.org](mailto:Mclemen@gcpud.org)>, 'Pat Irle' <[pir1461@ecy.wa.gov](mailto:pir1461@ecy.wa.gov)>, 'Patrick Verhey' <[verhepmv@dfw.wa.gov](mailto:verhepmv@dfw.wa.gov)>, 'Ralph Lampman' <[lamr@yakamafish-nsn.gov](mailto:lamr@yakamafish-nsn.gov)>, 'RD Nelle' <[RD\\_Nelle@fws.gov](mailto:RD_Nelle@fws.gov)>, 'Reed Glesne' <[Reed\\_Glesne@nps.gov](mailto:Reed_Glesne@nps.gov)>, 'Hays, Steve' <[steve.hays@chelanpud.org](mailto:steve.hays@chelanpud.org)>, 'Hemstrom, Steven' <[steven.hemstrom@chelanpud.org](mailto:steven.hemstrom@chelanpud.org)>, 'Steve Lewis' <[stephen\\_lewis@fws.gov](mailto:stephen_lewis@fws.gov)>, 'Steve Rainey' <[wsteverainey@aol.com](mailto:wsteverainey@aol.com)>, 'Susan Rosebrough' <[susan\\_rosebrough@nps.gov](mailto:susan_rosebrough@nps.gov)>, 'Hodgson, Suzanne' <[Suzanne.Hodgson@chelanpud.org](mailto:Suzanne.Hodgson@chelanpud.org)>, 'Tom Skiles' <[skit@critfc.org](mailto:skit@critfc.org)>, 'Travis Maitland' <[Travis.Maitland@dfw.wa.gov](mailto:Travis.Maitland@dfw.wa.gov)>, 'Frantz, Waikele M.' <[Waikele.Frantz@chelanpud.org](mailto:Waikele.Frantz@chelanpud.org)>

Cc: "Smith, Michelle" <[michelle.smith@chelanpud.org](mailto:michelle.smith@chelanpud.org)>

Subject: RRFF: Revised Schedule for the Rocky Reach Macrophyte Bed Water Quality Report

Hi RRFF,

Just a reminder that you need to let me know by close of business tomorrow (Tuesday) if you approve the proposed schedule change for the Rocky Reach Macrophyte Bed Water Quality Report.

Thanks,  
Tracy

---

**From:** Tracy Hillman [mailto:[tracy.hillman@bioanalysts.net](mailto:tracy.hillman@bioanalysts.net)]

**Sent:** Tuesday, August 27, 2013 9:16 PM

**To:** Smith, Michelle

**Cc:** Hays, Steve; Hemstrom, Steven

**Subject:** RRFF: Revised Schedule for the Rocky Reach Macrophyte Bed Water Quality Report

Hi Michelle,

I did not receive any other responses to the change in schedule. Only Ecology, WDFW, and the Colville Tribes responded. They all approved the change. No one said no.

Let me know if you have questions.

Thanks,  
Tracy

---