

COLUMBIA RIVER TECHNICAL MANAGEMENT TEAM

August 17, 2022

Facilitator's Summary

Facilitation Team: Emily Stranz & Colby Mills, DS Consulting

The following Facilitator's Summary is intended to capture basic discussion, decisions, and actions, as well as point out future actions or issues that may need further discussion at upcoming meetings; it is not intended to be the "record" of the meeting. Official minutes can be found on the TMT website: <http://pweb.crohms.org/tmt/agendas/2022/>. Suggested edits for the summary are welcome and can be sent to Colby at colby@dsconsult.co.

Review Meeting Summaries & Minutes – TMT members approved the official meeting minutes and facilitator's summary for the August 10 meeting.

Dworshak Dam Operations – Jon Roberts, Corps, reported on operations at Dworshak Dam. He noted that staff is manually entering project data due to database issues over the past couple days. The issues are being fixed and the public website should fully populate within a couple days.

Midnight elevation last night at the project was 1,556.51 feet; current discharge is 12 kcfs, with 10 kcfs from the powerhouse and 2 kcfs of spill. River temperatures at Anatone are about 72 degrees F, with flows between 12 kcfs – 13 kcfs, although they have come up at times to 20 kcfs, and more recently, 24 kcfs.

The Lower Granite tailrace temperature this morning was 66.6 degrees F, and the fish trap is staying between 64-66 degrees F; Jon estimated that the temperature would reach 66.5 degrees F during the current heat wave. Pool stratification remains good, with the bottom of the pool staying between 62-63 degrees F, and the 15-20-meter mark around 68 degrees F.

Local air temperatures at the reservoir and Lewiston have been up to 106 degrees F. The 10-day regional weather forecast shows that the heat will persist through tomorrow in the lower Snake region and into Lewiston. It will begin to break up and dissipate on Friday, with cooler temperatures over the weekend (not reaching 100 degrees F). Monday and Tuesday are expected to be cooler, although there is potential for some more heat at end of the 10-day period, while not as long-lasting or intense. Due to the forecast, the project will continue releasing 12 kcfs for the near future and will reduce when possible.

Jon noted that removing the 2 kcfs spill immediately would push Lower Granite tailrace temperatures up into the 68 degrees F range, and with the continued heat wave at end of 10-day forecast, there would be risk of losing stratification heading into the last week of August and first week of September.

Fall Treaty Fishing Update – Kyle Dittmer, CRITFC, provided TMT a "heads-up" on the anticipated fall Treaty fishing periods. A SOR is still being processed and will be presented to the AAs later this week. Kyle noted that the Tribes are looking to begin fishing on Monday, August 22, at 0600 hours through Thursday, August 26, at 1800 hours. They are looking for an initial 3-week opening. Doug Baus, Corps, responded that the AAs plan to implement the operation as described and will post the SOR and provide an update at the next TMT meeting.

Questions or Comments from Members of the Public – There were no questions or comments from members of the public.

Agenda Topics for August 24 TMT: Dworshak Update, Snake River Basin Adjudication September Flow Management (Jay Hesse), Fall Treaty Fishing SOR, Coordination for End of Summer Spill Operations

The next scheduled TMT meeting is on August 24 at 9:00 AM.

Facilitator Summary

Page 1 of 1

**Columbia River Regional Forum
Technical Management Team
OFFICIAL MINUTES
August 17, 2022**

Minutes: Andrea Ausmus, BPA (contractor, CorSource Technology Group)

Today's TMT meeting was held via conference call and webinar, chaired by Doug Baus, Corps, and facilitated by Emily Stranz, DS Consulting. A list of today's attendees is available at the end of these minutes.

1. Review Meeting Summaries & Minutes – Summary and Minutes for 8/10

- Minutes Approved.

Questions and Comments:

None

2. Dworshak Dam Operations – *Jonathan Roberts, Corps NWW*

Jonathan Roberts, Corps, reported on current Dworshak operations. The Corps is currently having issues with the databases that fill in the information for the public websites. Some of the data are beginning to repopulate on the public website. In the meantime, the Corps is manually collecting data. Roberts shared the current data at the meeting.

a. Hourly Project Data (AM of 7/27)

- As of midnight last night, the project's elevation was 1556.51 feet.
- Project is discharging 12 kcfs; 10 kcfs from the powerhouse, 2 kcfs spill due to the ongoing warmer weather this week.

b. Current River Temperatures

- Anatone River temperatures are at 72.5°F, with instantaneous flow fluctuating between 12k and 24k.
- Lower Granite tailrace is at 66.6°F
- The Lower Granite Adult Fish Trap as of yesterday evening (8/16) was 65.8°F. It continues to stay between 64° and 66°F. This is estimated to go up to 66.5°F with this heat wave.
- Lower Granite forebay stratification is still doing well even with the additional heat in the top half-meter of water due to the heatwave. The bottom continues to stay at 62/63°F.
- The stratification layer (between the 15 and 20-meter marks) is staying within 66° and 68°F. They will continue to send cooler water to keep the stratification in place.

- c. 10-Day Regional Weather Forecast
 - Showing the heat persisting into tomorrow (8/18) and dissipating on Friday (8/19).
 - The weekend will be cooler with temperatures in the 90s. This will continue into Monday/Tuesday.
 - There is a potential to get a few days of heat at the end of the ten-day forecast, but it does not appear to be long lasting or as intense as recent events.
- d. Weather Forecast for Lewiston, ID
 - High temperature for today of 106°F and will continue through Thursday (8/18).
 - Friday and into the weekend, it will begin to cool.
 - Monday it will be back into the 90s.
 - They will continue to look at the forecast to ensure the Lower Granite forebay stratification stays in place to manage temperatures in the tailrace and the fish trap.
- e. Water Temperature Comparisons

Full PH + 2 kcfs Spill (continue current operation):

- Looking to continue the 2 kcfs spill until they step down over August 21st & 22nd, could get pushed back a day depending on the stratification.
- They will continue to keep water efficiency in mind while protecting the stratification so that it is available into September.

Powerhouse Only

- Immediately stopping the 2 kcfs spill will push the Lower Granite tailrace to or above 68°F.
- With the heatwave coming they do not want to run a risk of losing the stratification.

Questions and Comments:

None.

3. Fall Treaty Fishing Update – Kyle Dittmer, CRITFC

CRITFC is preparing a new SOR for the Fall Season Treaty Fishing periods.

It is not ready yet as they processed their discussion in house, and it still needs to go through the Compact hearing process on Thursday afternoon.

The Tribes are looking to go fishing from Monday, August 22, 6 am through Thursday August 25, 6 pm.

Looking for a three-week opening. Three-week openings are better for the Tribe’s short and intermediate planning.

As soon as the SOR is signed off, it will be shared with the Corps and BPA, then posted to next week’s TMT agenda.

Questions and Comments:

Jonathan Ebel, ID, asked if the SOR should be polled on.

Doug Baus, Corps, replied that the timing of receiving the SOR and the beginning of the operation do not always overlay nicely with scheduled TMT meetings, and in the past the treaty fishing SORs are implemented without polling. The Corps and BPA will plan to implement as requested in the SOR and will update at the next meeting.

Scott Bettin, BPA, told Dittmer thanks for the heads up and that the process this year has been going well.

4. Public Comments:

None

5. Set agenda for next meeting - August 24, 2022

- a. Dworshak Update
- b. Dworshak Snake River Basin Adjudication September Flow Management – Jay Hesse, Nez Perce
- c. Fall Treaty Fishing Update
- d. End of Spill – August 31, 2022

Today’s Attendees:

Agency	TMT Representative(s)
Army Corps of Engineers	Doug Baus (chair), Lisa Wright, Julie Ammann
Bonneville Power Administration	Tony Norris, Scott Bettin
Bureau of Reclamation	Joel Fenolio
NOAA Fisheries	Kelsey Swieca, Trevor Conder
US Fish & Wildlife Service	
Washington	
Oregon	Erick Van Dyke
Idaho	Jonathan Ebel
Montana	Brian Marotz
Nez Perce Tribe	Jay Hesse
Umatilla Tribe/CRITFC	Tom Lorz
Colville Tribe	Kirk Truscott

Warm Springs Tribe	
Kootenai Tribe	
Spokane Tribe	

Other Attendees (non-TMT members):

Corps – Aaron Marshall, Alexis Mills, Jonathan Roberts, Scott St. John

DS Consulting – Emily Stranz (Facilitator), Colby Mills

CRITFC – Kyle Dittmer

Chelan PUD –Melissa Lesser

Oregon DEQ – David Gruen, Marilyn Fonseca

Public Power Council – Shane Scott