

COLUMBIA RIVER TECHNICAL MANAGEMENT TEAM

June 9, 2021

DRAFT Facilitator's Summary

Facilitator: Emily Stranz; Notes: Colby Mills

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. These notes are not intended to be the "record" of the meeting, only a reminder for TMT members. Official minutes can be found on the TMT website: <http://pweb.crohms.org/tmt/agendas/2021/>.

Review Meeting Summaries & Minutes

Official minutes and facilitator's summary for the June 2 meeting will be reviewed at the next TMT meeting.

Official Water Supply Forecasts

Joel Fenolio, BOR, reported on the official June water supply forecast for Hungry Horse Dam. June through July residual forecast volume was 820 kaf, or 91% of average; April to August was 1,820 kaf, or 94% of average; and May to September was 1,640 kaf, or 97% of average. Joel noted that RFC is projecting 120% of average inflow volume for the month.

Doug Baus, Corps, reported official June water supply forecasts for Corps projects:

- **The Dalles:** NWRFC April to August volume forecast is 72,604 kaf, or 83% of average;
- **Lower Granite:** NWRFC April to July volume forecast is 13,371 kaf, or 67% of average;
- **Libby:** Corps NWS June runoff forecast is 5,006 kaf, or 85% of average; and
- **Dworshak:** Corps NWS June runoff forecast is 1,875 kaf, or 77% of average.

Gas Bubble Trauma Monitoring

Doug reported that the Corps continues to post the GBT monitoring data (on the TMT website) that is coordinated with the Water Quality (WQ) agencies for Oregon and Washington. The Corps will continue to coordinate with these agencies and share information with the TMT. The action criteria have not changed, and if it were to change this would be coordinated with the TMT. Julie Ammann, Corps, noted that, as requested by Idaho, the TDG data has also been formatted into Excel for easier viewing.

In response to a query, Charles Morrill, WA, reported that fish are being captured for examination via a combination of seining and electro-fishing. Charles will be available offline for further details if needed.

Charles also noted that peak flows were hit this last week, with the highest levels of total dissolved gas in a few of the reaches that will be seen this season. Snow pack is pretty much gone with the exception of Washington Cascades and Upper Columbia.

Questions or comments from members of the public: There were no questions or comments from members of the public.

The next scheduled TMT meeting is a conference call on June 16, 2021 at 9:00 AM.

This summary is respectfully submitted by the DS Consulting Facilitation Team. Suggested edits are welcome and can be sent to Colby at colby@dsconsult.co.

Columbia River Regional Forum
Technical Management Team
DRAFT OFFICIAL MINUTES
Wednesday, June 9, 2021
Minutes: Melissa Haskin, BPA (contractor, FLUX Resources)

Today's TMT meeting was held via conference call and webinar, chaired by Doug Baus, Corps, and facilitated by Emily Stranz, DS Consulting. See the end of these minutes for a list of attendees.

1. Review Meeting Minutes

The summary and minutes from 6/2 will be reviewed at the next TMT meeting.

2. Water Supply Forecast

Doug Baus, Corps, and Joel Fenolio, Reclamation, updated the TMT on the official June water supply forecast, which was released on June 3 (the 3rd workday of the month). The forecasts are as follows:

- Hungry Horse: June-July 820 kaf (91% of average). April-August 1,820 kaf (94% of average) and May-September 1,640 kaf (97% of average). The RFC forecast indicates inflows picking up to 120% of average this month.
- The Dalles Dam: April-August 72,604 kaf (83% of average)
- Lower Granite: April-July 13,371 kaf (67%)
- Libby Dam: April-August 5,006 kaf (85%)
- Dworshak Dam: April-July 1,875 kaf (77% of average)

3. Weekly Native Non-Salmonids GBT Report

Doug Baus, Corps, directed the TMT to the Weekly Native Non-Salmonids GBT Report for June 1-4, available on the TMT website. The data are posted for transparency as the Action Agencies coordinate with states of Oregon and Washington to manage within state water quality standards. As requested, the Corps has added a separate link with the data in spreadsheet format.

Brian Marotz, MT, asked how fish are captured for examination. Charles Morrill, WA, responded that it's a combination of seining and electro-fishing. Marotz commented that these methods mean that fish are being collected relatively close to the surface. Electro-fishing can go down as low as 2 meters, said Morrill. Additional sampling questions can be directed to Morrill or Leah Sullivan, BPA.

Morrill added that peak flows were probably reached last week and thus likely the highest levels of TDG that will be seen this season.

Today's Attendees:

Agency	TMT Representative
Army Corps of Engineers	Doug Baus (Chair), Lisa Wright, Julie Ammann
Bonneville Power Administration	Tony Norris
Bureau of Reclamation	Joel Fenolio
NOAA Fisheries	Claire McGrath
US Fish & Wildlife Service	Dave Swank
Washington	Charles Morrill
Oregon	Absent
Idaho	Jonathan Ebel
Montana	Brian Marotz
Nez Perce Tribe	Jay Hesse
Umatilla Tribe/CRITFC	Tom Lorz
Colville Tribe	Sheri Sears
Warm Springs Tribe	Jen Graham
Kootenai Tribe	Absent
Spokane Tribe	Absent

Other Attendees (non-TMT members):

Corps – Alexis Mills, Aaron Marshall, Dan Turner, David Bogema

DS Consulting – Emily Stranz (Facilitator), Colby Mills

BPA – Melissa Haskin (contractor, Notetaker)

Clearing Up – K.C. Mehaffey

Columbia Basin Bulletin – Mike O'Bryant

Portland General Electric – Ruth Burris

NPPC – Leslie Bach

Clatskanie PUD – Ian Bledsoe