

## COLUMBIA RIVER TECHNICAL MANAGEMENT TEAM

July 2, 2014

Facilitator's Summary

Facilitator: Emily Plummer, Notes: Tory Hines, 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. These notes are not intended to be the "record" of the meeting, only a reminder for TMT members.*

### **Treaty Fishing SOR 2014-C6**

Kyle Dittmer, CRITFC, shared the operation request for summer fishing support; the request is to keep the BON, TDA, and JDA pools steady with a 1.5ft variation. The SOR is requested for two periods: June 30<sup>th</sup> – July 3<sup>rd</sup>; and July 7<sup>th</sup> – 11<sup>th</sup>. Kyle indicated that the adult summer Chinook forecasts estimate 64,000 fish, this is a 15% increase from last year (56,000 forecasted in 2013). Kathryn Kostow, OR, noted that Sockeye forecasts were updated on Monday to 425,000; this more than doubles last year's forecast which was 154,000. Kyle noted that as of June 18<sup>th</sup> there were 246 nets in the pools, 50% in BON, 22% in TDA, and 33% in JDA. Doug Baus, COE, stated that the Corps has initiated implementing the June 30<sup>th</sup> to July 3<sup>rd</sup> request and will continue to implement this SOR through Friday July 11, 2014.

### **Dworshak Operations:**

Steve Hall, COE-NWW, provided an update on water temperature modelling for Dworshak Operations. Updated modelling will be provided on the TMT agenda as the season progresses ([http://www.nwd-wc.usace.army.mil/tmt/agendas/2014/0702\\_Agenda.html](http://www.nwd-wc.usace.army.mil/tmt/agendas/2014/0702_Agenda.html)). He noted the water temperatures for this time of year are relatively cool, within the 60 degrees Fahrenheit range. However, models are anticipating temperature increases as the month progresses. Models run this morning showed temperatures increasing sooner than previously modeled, reaching above 66 degrees Fahrenheit by next week. Based off of the current modelling, the project expects to reduce from full powerhouse today at 11:00am and drop down to 7.4kcfs in attempt to follow the inflows as they drop; they plan to hold the pool at full through the weekend. Depending on temperature forecasts later this week, the project may increase to full powerhouse again by July 7<sup>th</sup> or 8<sup>th</sup>. Paul Wagner, NOAA, extended appreciation to the Corps that the operation is mostly consistent with FPAC recommendations; he noted that the Corps has done a nice job refilling the pool and passing inflow at this time.

**The next TMT meeting will be face to face on July 9th at 9:00am at the USACE Division.**

### **Agenda Topics:**

Dworshak Operation Update

Wanapum Update

Vernita Bar Update

**Columbia River Regional Forum**  
**TECHNICAL MANAGEMENT TEAM – OFFICIAL MINUTES**

**July 2, 2014**  
Minutes: Pat Vivian

**1. Introduction**

Doug Baus, COE, chaired this TMT conference call facilitated by Emily Plummer, DS Consulting. Representatives of the COE, Oregon, CRITFC, BPA, USFWS, Montana, NOAA and others participated. This summary is an official record of the proceedings, not a verbatim transcript.

**2. Treaty Fishing – SOR 2014-C6**

CRITFC recently submitted this SOR to the COE asking that the three lower Columbia River pools be maintained within the typical 1.5-foot elevation range from June 30-July 3 and again from July 7-11 for summer tribal fishing. The COE is implementing the June 30-July 3 operational request and will implement the second request as well.

The forecast for the 2014 adult run of summer upper Columbia chinook is 64,000 fish, or about 15% higher than last year's forecast of 56,000 fish, Kyle Dittmer. CRITFC, reported. The 2014 sockeye forecast is 325,000 fish – more than double last year's forecast of 154,000. On June 18, CRITFC conducted a net flight over Bonneville, The Dalles and John Day pools and found 246 nets, 50% of them at Bonneville. CRITFC plans to conduct more net flights throughout the fishing season.

Kathryn Kostow reported that on June 30 Oregon updated the sockeye run forecast to 425,000 fish at the Columbia River mouth. This forecast differs from the adult forecast for Bonneville Dam by only a few hundred adult sockeye, so the run estimates for BON and the river mouth are considered equivalent.

**3. Dworshak Operations Update**

Steve Hall reported. The graph attached to today's agenda depicts the first of many water temperature forecasts the COE will provide based on the latest modeling runs throughout the summer. The graph is based on modeling done this morning. Water temperatures are relatively cool for this time of year at around 60 degrees F, but are expected to rise over the next few days. According to model projections the Snake River at Anatone water temperatures will exceed the 68 degrees F temperature by July 10<sup>th</sup>. Projections based on the Orofino gage don't show temperatures exceeding 68 degrees F in the Clearwater River, although a similar increase is expected. The model showed water temperature in the Lower Granite Tailwater reaching approximately 65 degrees on July 10<sup>th</sup>. The COE will continue to run the model as often as possible as part of a continuous effort to keep temperatures in the LGR tailwater below 68 degrees F.

The COE will reduce DWR outflows from full powerhouse to 7.4 kcfs beginning at 11 am today. Based on this morning's modeling results, the COE expects to maintain 7.4 kcfs discharges from DWR through the 4<sup>th</sup> of July weekend. Discharges may be increased back to full powerhouse on July 7 or 8, based on updated modeling results. The reduction in discharges is part of an effort to pass inflows so the reservoir remains full in an effort to conserve cold water for later in the summer.

Paul Wagner, NOAA, said this operation is consistent with FPAC's expectations and thanked the COE for successfully refilling the pool and passing inflows at this time. The COE will continue to post updated modeling results to future TMT agendas throughout the summer season.

#### **4. Next TMT Meeting**

The next TMT meeting will be on July 9.

<b>Name</b>	<b>Affiliation</b>
Doug Baus	COE
Kathryn Kostow	Oregon
Kyle Dittmer	CRITFC
Julie Doumbia	BPA
Scott Bettin	BPA
David Wills	USFWS
Brian Marotz	Montana
Steve Hall	COE
Lisa Wright	COE
Don Tinker	SCL
Heather Dohan	Puget
Tom Iverson	Yakama
Barry Espenson	CBB
Margaret Filardo	FPC
Erick Van Dyke	Oregon
Tom Lorz	CRITFC/Umatilla
Paul Wagner	NOAA