

**Feil, Dan H NWD**

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**From:** Feil-Dan@npr70.nwd-wc.usace.army.mil  
**Sent:** Tuesday, December 16, 2008 10:18 AM  
**Subject:** CBT Msg: Bonneville chum operations #4 sent on 12/16/2008 at 10:18

Sent to: CO  
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BON R 121608 1018 CO BON TDA JDA MCN BPA BPC NPD NPC NPP

ATTENTION: BONNEVILLE AND BPA

SUBJECT: BONNEVILLE TAILWATER OPERATION FOR CHUM SPAWNING

\*\*\*\*\*REPLACES TTY: BON R 111208 1609  
\*\*\*\*\*REFERENCE TTY: BON R 110608 1750

1. EFFECTIVE IMMEDIATELY UNTIL FURTHER NOTICE:

HARD CONSTRAINT 1 - OPERATE BONNEVILLE PROJECT TAILWATER ELEVATION TO NO LOWER THAN 11.3 FT DURING ALL HOURS.  
MAINTAIN THE CONSTRAINTS OF REFERENCE TTY.

HARD CONSTRAINT 2 - MAINTAIN 11.3 TO 11.7 FT BONNEVILLE PROJECT TAILWATER ELEVATION BETWEEN 0600-1500 HOURS DAILY.  
TARGET ELEVATION IS 11.5 FT. MAINTAIN THE CONSTRAINTS OF REFERENCE TTY. SEE PARAGRAPH 3.

SOFT CONSTRAINT 1 - MAINTAIN 11.3 TO 11.7 FT BONNEVILLE PROJECT TAILWATER ELEVATION BETWEEN 1500-0600 HOURS DAILY.  
TARGET ELEVATION IS 11.5 FT. MAINTAIN THE CONSTRAINTS OF REFERENCE TTY.

2. AS NEEDED, TO PASS WATER IN EXCESS OF WHAT IS NECESSARY TO MEET HARD CONSTRAINT 2, THE PROJECT IS AUTHORIZED TO RAISE THE TAILWATER ELEVATION UP TO 18.5 FT (AS NORMAL RAMP RATE ALLOWS) ANYTIME BETWEEN 1500-0600 HOURS. MAINTAIN THE CONSTRAINTS OF REFERENCE TTY.

3. IF PARAGRAPH 2 IS NOT SUFFICIENT TO PASS WATER IN EXCESS OF WHAT IS NECESSARY TO MEET HARD CONSTRAINT 2, THEN INCREASE TAILWATER ELEVATION AS NECESSARY UP TO 12.5 FT BETWEEN 0600-1500 HOURS. THIS ACTION ESTABLISHES A NEW HARD CONSTRAINT (HARD CONSTRAINT 3) WITH A TAILWATER ELEVATION RANGE THAT EXTENDS FROM THE HIGHEST TAILWATER ELEVATION ACHIEVED MINUS 0.4 FT.

4. THE OFFICIAL PROJECT TAILWATER ELEVATION GAGE IS LOCATED ON THE OREGON SIDE 0.9 MILES DOWNSTREAM FROM BONNEVILLE DAM FIRST POWERHOUSE, 50 FEET UPSTREAM FROM TANNER CREEK AND AT RIVER MILE 144.5.

5. REQUEST BPA AND BONNEVILLE PROJECT COORDINATE TO ACHIEVE THE REQUESTED TAILWATER OPERATION. IT IS RECOGNIZED THAT TIDAL EFFECTS, WIND, LOWER RIVER FLOWS AND WAVES MAY IMPACT THE ABILITY TO MAINTAIN THE OPERATION.

6. THIS OPERATION WAS DISCUSSED AND COORDINATED ON THE DECEMBER 15 TMT CONFERENCE CALL. TMT MEMBERS PRESENT ON THE CALL WERE PAUL WAGNER (NOAA), LORI POSTLETHWAIT (BOR), SCOTT BETTIN AND TONY NORRIS (BPA), RICK KRUGER (OR), AND DAVID WILLS (USFWS). THE OPERATION WAS ALSO COORDINATED WITH BRENDA MCCLARY (BON). RCC POINTS OF CONTACT ARE DAN FEIL AND JIM ADAMS.

DAN FEIL  
CENWD/RCC08  
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