

### Fish Passage Plan (FPP) Change Request Form

<b>Change Form # &amp; Title:</b>	16AppB002 – LMN, LGS Pre-Transport Condition Sampling
<b>Date Submitted:</b>	February 10, 2016; Revised February 29, 2016
<b>Project:</b>	Lower Monumental Dam & Little Goose Dam
<b>Requester Name, Agency:</b>	Trevor Conder, NOAA
<b>Final Action:</b>	<b>APPROVED – March 10, 2016</b>

**FPP SECTION:** Appendix B (Transport Plan) – section 4. Operating Criteria.

**JUSTIFICATION FOR CHANGE:** Revise language in the FPP to provide consistent condition sampling and monitoring guidelines prior to transport.

#### **PROPOSED CHANGE:**

#### **4.1. Early Season Non-Transport Operations.**

**4.1.3. Little Goose:** Juvenile fish will be bypassed and routed to the mid-river release outfall and full flow PIT-tag detection system. ~~Limited-Condition~~ sampling ~~may take place daily~~ will occur from April 1 to monitor fish condition, ensure sampling systems are operating correctly prior to when transport begins, and to train personnel on facility operations and sampling protocol. Prior to initiating transportation, ~~sample fish every other day to monitor juvenile fish descaling and other fish condition parameters.~~ The sample goal should be 100 fish of the predominant species of salmonids on each sample day. Increased frequency may be necessary during periods when injuries are being noted or suspected (e.g., high debris periods). Fish condition reporting should follow the standardized SMP protocol and should be sent to FPC within twelve hours after sampling. Full 24 hour samples may be taken to determine species composition to help inform a decision to initiate transportation at this project.

**4.1.4. Lower Monumental:** Juvenile fish will be bypassed and routed to the primary bypass outfall and full flow PIT-tag detection system. ~~Limited-Condition~~ sampling ~~may take place daily~~ will occur -from April 1 to monitor fish condition, ensure sampling systems are operating correctly prior to when transport begins, and to train personnel on facility operations and sampling protocol. ~~From April 1 through April 15, sample fish no less than twice per week with no more than three days between sample days to monitor juvenile fish descaling and other fish condition parameters.~~ From April 15 to the start of transportation, sample fish every other day. The sample goal should be 100 fish of the predominant species of salmonids on each sample day. Increased frequency may be necessary during periods when injuries are being noted or suspected (e.g., high debris periods). Fish condition reporting should follow the standardized SMP protocol and should be sent to FPC within twelve hours after sampling. Full 24 hour samples may be taken to determine species composition to help inform a decision to initiate transportation at this project.

#### **4.4. Sampling Procedures.**

**4.4.3.** Species composition and weight samples will be taken to determine loading densities for raceways, barges, and trucks. Project personnel will keep a running total of hourly estimates of fish numbers, raceway totals, and direct loading totals for barges based on these estimates. Daily

samples for monitoring descaling will include a minimum of 100 fish of the dominant group(s) for which descaling information is recorded. During periods of low fish passage, descaling will be monitored ~~daily~~ for facility operations. Full sample descaling may be conducted instead of 100 fish subsamples as long as it does not impact other facility operations. During extended transport operations (after August 15 at Snake River projects), samples may be evaluated every other day to minimize handling stress and to allow all collected fish to be held in the sample holding tanks.

**COMMENTS:**

February 11, 2016 – FPOM:

Condor said this is to establish a minimum.

Lorz asked what the current sampling is.

Setter said in the past at LGS it's been every 5 days; LMN twice a week.

Filardo said in 2015 the recommendation by FPAC was every-other day sampling at LGS.

Setter said that was only for 2015. They're trying to determine the minimum at these projects. She said there are some staffing issues in order to bring technicians on. They don't have an issue with the language. She asked if the ground rules are still the same.

Condor said yes.

Lorz asked if NWW would do things differently than last year.

Setter said what they implemented last year at the project level wasn't supported.

Van Dyke asked if this is being viewed as a minimum or maximum.

Setter said in order to meet all the mandates, you essentially don't do more than you have to. If more needs to be done, then there is a need to determine who funds it.

Van Dyke said this change form is intended to be flexible and it's not viewed by all that way.

Setter said this is providing a legal standard and clarified that if there's a problem, the project would likely conduct further sampling to identify the problem.

Kiefer said they need to discuss this at FPAC, then bring to next FPOM meeting in March.

-----Original Message-----

From: Trevor Conder - NOAA Federal Sent: Wednesday, February 17, 2016 4:20 PM  
 FPAC discussed and countered with mods. Same language April 1 to April 15 at LMN, then every other day/ 24hr. At LGO every other day 24 hr from April 1. So would this be acceptable to the Corps or do you have a counter offer?

From: Setter, Ann L NWW Sent: Thursday, February 18, 2016 9:47 AM  
 Little Goose is OK with the April 1 start of every other day sampling. Lower Monumental would prefer closer adherence to the Frederick's December memo, however will do as last year for the near term (ie a couple more years) with the caveat that FPC after several years provide a report that justifies what benefit to fish has been gained by the additional handling for condition sampling.

**RECORD OF FINAL ACTION:** APPROVED at FPOM March 10, 2016