# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 20BON001 – Ladder Temperature Monitoring

**Date Submitted**: 1/16/2020

**Project**: BON, TDA and JDA

**Requester Name, Agency**: Erin Kovalchuk, Corps NWP

**Final Action:**

**FPP Section**:

BON, TDA, and JDA section 2.4.2.2. – Adult Facilities / Fish Passage Season (Mar 1- Nov 30) / Fishway Temperature Monitoring

**Justification for Change**:

The current FPP language states that fishway temperatures at entrances and exits are sent to FPC only from June – September. I want to make sure that everyone is aware.

**Proposed Change**:

*See next page for current FPP text to review – do any changes need to be made?*

**Comments**:

1/23/2020 FPOM FPP Meeting: This criteria is specific to ladder temperature differential data for June-September that’s sent to FPC on a weekly basis. Temperature data are still collected year-round and available on the Corps dataquery website, linked on the TMT homepage. FPOM discussed whether the date range needs to be expanded. Van Dyke was concerned about a reoccurrence of warm conditions observed in 2015. Lorz suggested that FPAC discuss at their next meeting and look at the data to see if the date range needs to be modified.

PENDING FURTHER REVIEW.

**Record of Final Action**:

**2.4.2. Adult Fish Facilities – Adult Fish Passage Season (March 1 – November 30).**

**2.4.2.2. Fishway Temperature Monitoring.**

**2.4.2.2.b.** From June 1 through September 30, water temperature will be monitored at adult fishway entrances and exits (**Figure BON-2, BON-4**).

**b.1.** Temperature monitors shall be within 10 meters of all shore-oriented entrances and exits.

**b.2.** If possible, the entrance monitor shall be within 1 meter above the ladder floor and at least 10 meters downstream of ladder diffusers to allow for sufficient mixing with surface water.

**b.3.** The exit monitor shall be within 1 meter above the ladder floor and above all diffusers to allow for sufficient mixing with surface water.

**b.4.** If an existing temperature monitoring location is proposed for either the exit or entrance, it shall be verified that the site accurately reflects water temperature within 10 meters of the entrance or exit.

**b.5.** On a weekly basis, Project Fisheries will submit temperature data to the Fish Passage Center (FPC) for posting online at: [www.fpc.org/river/Q\_ladderwatertempgraph.php](http://www.fpc.org/river/Q_ladderwatertempgraph.php).