

## **OFFICIAL COORDINATION REQUEST FOR NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE** - 21HCR01 Downstream Fish Passage Operation

**COORDINATION DATE** - 30 August 2021

**PROJECT** - Hills Creek Dam

**RESPONSE DATE** - 10 September 2021

### **Description of the problem**

The goal of this operation is to provide downstream passage for juvenile salmon at Hills Creek Dam. This operation will be implemented as the reservoir goes below minimum conservation pool. The USACE will implement regulating outlet (RO) spill operations daily from 6:00 PM to 10:00 PM at Hills Creek Dam when the reservoir elevation is less than or equal to 50 feet over the turbine intakes through March 1. The reservoir will be 50 feet above the turbine intakes at elevations 1,134 feet. This is 14 feet below minimum conservation pool (1,448 feet) and 25 feet above the RO. Current projections show reservoir levels being at minimum conservation pool mid-September and 50 feet above turbine units (25 feet of ROs) in late September.

### **Type of outage/operation**

Flow will be passed through the Regulating Outlets (ROs) between the hours of 6:00 – 10:00 PM. The operation may be paused or modified (e.g. additional turbine flow) if RO flow is greater than 1,500 cfs due to concerns regarding elevated total dissolved gas levels (>110%) if feasible.

### **Impact on facility operation**

No generation will occur if only the RO is utilized to pass flow except for station service.

### **Dates of impacts/repairs/operation**

TBD-March 1, 2021

### **Length of time for impacts/repairs**

About 2 months

### **Expected impacts on fish**

The purpose is to provide safer passage for juvenile salmonids.

### **Comments from agencies**

No comments

Please email or call with questions or concerns.

Thank you,

Chris Walker

NWP Operations Division Fishery Section

503.808.4316

[Christopher.E.Walker@usace.army.mil](mailto:Christopher.E.Walker@usace.army.mil)