CENWP-OD 30 December 2021

MEMORANDUM FOR THE RECORD

**TITLE** – 21BLU02 Blue River Ramp Rate

**PROJECT** – Blue River Dam

**NOTIFICATON DATE** – 30 December 2021

**RESPONSE DATE** – 15 January 2021

**Description of the problem**

On 14 December 2021, there was a ramp rate deviation (~ -0.5 ft/hr) outside criteria (-0.2 ft/hr) detailed in the 2008 Biological Opinion (BiOp) issued by the National Marine Fisheries Service (NMFS).

**Type of event**

Ramp rate deviation, flow change of ~ -0.5/hour

**Impact on facility operation**

No impact to facility

**Expected impacts on fish**

Minimal impacts to ESA listed fish

**Comments from agencies**

Please email or call with questions or concerns.

Thank you,

Chris Walker

NWP Operations Division Fishery Section

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