

MEMORANDUM FOR THE RECORD

SUBJECT: 23BON015 MFR CI entrance impacts for FG6-18 dive ops.

At approximately 0830 on 25 March 2023 Project biologists discovered turbulent water near diffuser FG 6-18 in the CI fishway entrance. An ROV inspection on 28 March verified that an access hatch to the diffuser chamber of FG 6-18 had blown. The hatch was located and removed with help from the ROV on 30 March. The hatch was considered unserviceable and a new hatch was fabricated.

On 05 April 2023, the NWP dive team conducted dive operations for the installation of the new hatch. Spillbay 1 and both CI AWS valves (FV5-3 and FV5-4) were closed on sill and cleared out. The AWS valves had bulkheads installed as well.

- Spillbay 1 returned to service at 1509.
- FV5-3 and 5-4 were OOS from 0716 until 1343.

The CI fishway entrance did not meet FPP entrance head differential criteria (1' -2', 1.5' preferred) during this time. The fishway returned to FPP criteria at 1343.

Future and Preventative Measures – monitor fish valves and diffusers for irregular operations

Sincerely,
Bonneville Project Fisheries