

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 19BON06 Spillbay 18 Temporary Closure.**

Spillbay 18 was placed on sill for approximately two hours on Monday, April 29<sup>th</sup> (0838-1050) to remove an air cylinder that operates the gate dogs. A steel plate that holds the cylinder in place was found to have bolts sheared off, posing a risk to normal operations of the spill gate. With increased frequency of gate position changes due to flex spill operations this year the removal of the cylinder was required with repairs to occur once spill has concluded for the season.

During the closure, the spill pattern was affected but not the volume. The flow was shifted to other bays. The average spill during this time was 113.3 kcfs and the impact to the B-branch additional attraction flow was minimal for returning adults. However with the presence of pinnipeds in the tailrace, an unknown increase in predation may have occurred. Additionally, it is thought that minimal if any impact to out-migrating juveniles would have occurred.

Sincerely,  
Project Fisheries