

MEMORANDUM FOR THE RECORD**SUBJECT: 23JDA21 Chinook Smolt Mortalities Found on Intake Deck Near Spillbay 20**

On Monday 22 May 2023, at approximately 1500, JDA fisheries personnel noticed one clipped Chinook mort on the tailrace deck near spillbay 20. It had an orange elastomer tag by the left eye. The tailrace at the time was ~165.8' and the project was spilling at ~50% (205 kcfs). These conditions created water surges that splashed onto the deck, and this is presumably what stranded the fish.

- A. Species – Chinook
- B. Origin – Clipped
- C. Length –
- D. Marks and tags – Orange elastomer tag by left eye
- E. Marks and Injuries found on carcass – Some descaling
- F. Cause and Time of Death – Asphyxiation from stranding
- G. Future and Preventative Measures – There were issues with this in the past (17JDA04 for example) and mesh was installed below the railing which seems to help. The issue is an old (unused) entrance weir located in spillbay 20, to actually fix the issue this area would need to be made flush with the rest of the wall.

Sincerely,
Project Fisheries