## Kelly Iriye

Spill, by itself, is not going to result in successful increase in Chinook salmon. This past year, spill caused Adult mortality because the dissolved gas started causing bubbles under their skin. Then the force of the spilled water and current literally blasted their faces off - why are we trying to save the babies if we're going to kill the adults? If we're going to spill (because I know that will be the result of this), than at least spill at fewer dams by breaching the Snake River dams.

I am unable to attach a file - even though it is saved as a .jpg. I also tried as a .png and had no luck. However, the Orca Task Force Webinar on 9/26/2018 had a slide show with a graph showing the SAR percent increase expected for various options. Increasing spill to 125% in the Snake River showed a potential SAR range of 0.9% - 6.8%. However, breaching the 4 lower Snake River dams and spilling at 125% on the Columbia river showed an SAR range of 2.0-11.3%! 11.3% is well above what 6% goal is for recovery and would most assuredly recover this species. This would be equivalent of 1,050,000 fish! Over a million more fish in the river simply by removing unnecessary blockade, such as the Snake River dams.

Please breach the Snake River in 2019! Otherwise, you are guaranteeing the extinction of the southern resident endangered orcas, followed swiftly by the salmon and steelhead.