Portable Floating Fish Collector: engineering, construction, and filling data gaps

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In support of the Downstream Fish Passage Alternative Study at Cougar Dam, the U.S. Army Corps of Engineers determined that significant data gaps existed that would require a research vessel to test surface collection in the Cougar Reservoir in order to inform the downstream passage design.

A Portable Floating Fish Collector (PFFC) was designed, constructed, and installed targeting the 2014 juvenile salmon outmigration. This presentation will highlight the design intent of the PFFC as well as the challenges faced due to compressed schedules, unexpected conditions in the field, and adverse weather. We will discuss how each of these factors impacted the performance of the PFFC and steps we are taking to remedy the situation.