

PNNL-35380

# Definition and Execution of Regulatory requirements for acceptance of the Whooshh Fish Transport System (Abstract)

CRADA #378 (PNNL #69587)

May 2024

*Alison H. Colotelo*

Whooshh Innovation, LLC

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Abstract

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Alison H. Colotelo

Prepared for  
the U.S. Department of Energy  
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Pacific Northwest National Laboratory  
Richland, Washington 99354

## Abstract

The purpose of this project is to assist in the definition, summarization, and execution of the regulatory requirements that validate the Whooshh Fish Transport System (WFTS) as an accepted method of fish passage transport for Endangered Species Act- (ESA) listed species; moving these fish past in-stream barriers, such as hydropower facilities. Validation of this technology, through testing by PNNL, means that regulatory agencies will have documented evidence from which to support an approval decision enabling Whooshh to quickly commercialize their product for use in waterways with ESA listed species and provide the hydropower relicense/development marketplace a viable solution to the fish passage problem that threatens the hydropower industry. Given the definition of “take” in the ESA, without validation, commercialization in this space in the U.S. will not happen because the regulatory agencies will not have the determinative study results they require to authorize the use of this new technology that interact with ESA-listed species.

# **Pacific Northwest National Laboratory**

902 Battelle Boulevard  
P.O. Box 999  
Richland, WA 99354  
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