## POST PROJECT MONITORING

MODULE 13 - TAMMY SCHMIDT

### **Tammy Schmidt**



Fish Passage Biologist Headquarters Environmental Services Office WSDOT

Current duties: Provide fish passage project support for NW Region. Lead WSDOT's statewide post-project monitoring program.



Background & Experience: Tammy's background is in wildlife biology, stream restoration, and veterinary technology. Tammy was a licensed veterinary technician who transferred into the world of wildlife where she ultimately settled in as a wildlife biologist specializing in Western Pond Turtles and Oregon Spotted Frogs. Tammy spent a total of 17 years at the WA Department of Fish and Wildlife as a district wildlife biologist in Region 6 working on wildlife management/species recovery and more recently as a habitat biologist in the Fish Passage Division at HQ working with private ag producers to correct barriers to fish passage. She now works in the Stream Restoration Section of the Biology Branch at WSDOT HQ.

Education: The Evergreen State College, BS in Environmental Sciences and Pierce College, Associate in Veterinary Technology

Personal interests: Tammy enjoys training and field trialing with her basset hounds.

## **Tammy Schmidt**



#### Post Project Monitoring

The purpose of this module is to provide an awareness of the post-project Monitoring Program at WSDOT. We'll explore topics which make up the framework of the Monitoring Program. We will discuss the difference between assessing fish passage and stream performance, identify specific design elements that can impact fish passage, and touch on how the monitoring results can inform future designs.



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#### **Post Project Monitoring**

Nyctophobics Claustrophobics Arachnophobics Beware!!

Tammy Schmidt, Fish Passage Biologist, HQ June, 2020 Roger Millar, Secretary of Transportation Keith Metcalf, Deputy Secretary of Transportation

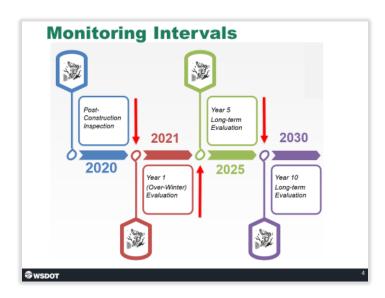
Purpose: To provide awareness of WSDOT's post-project Monitoring Program – the requirements under the Injunction, what is monitored, and why

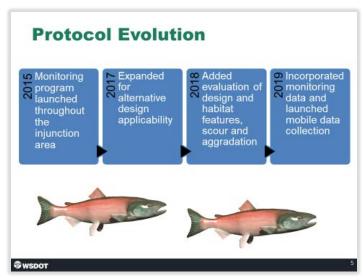
- ☐ Program genesis
- ☐ Injunction requirements
- ☐ Protocol evolution
- ☐ Plan content
- What's not included
- □ Data results
- ☐ Project feedback

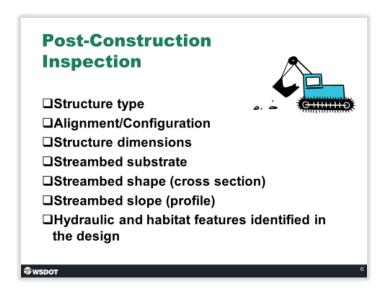


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## Washington State and Western Washington Treaty Tribes Culvert Injunction Implementation Guidelines 2019 11/0W/2850







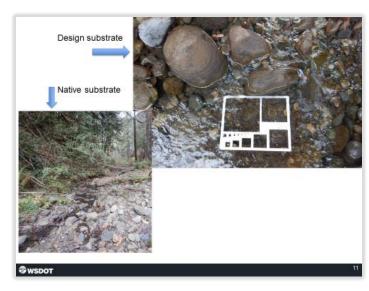


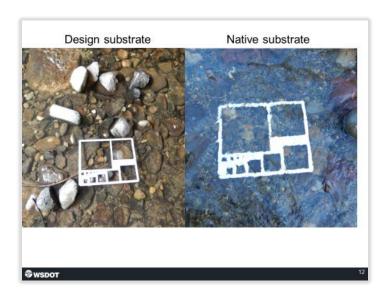


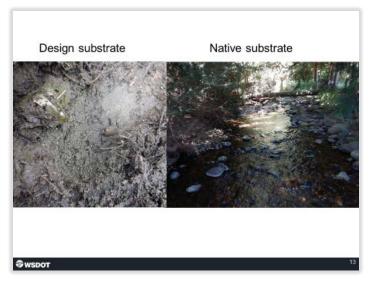












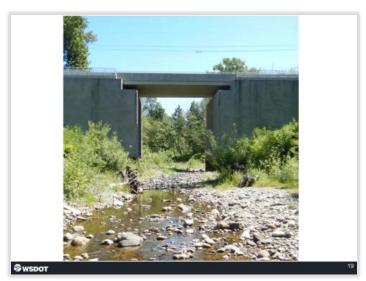






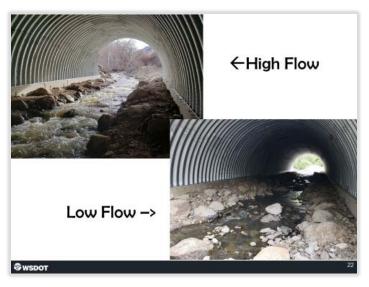












# Channel Performance - all Intervals □ Streambed material □ Channel flow □ Channel shape □ (cross section) □ Streambed slope □ (profile) □ Channel spanning hydraulic drops □ Function of hydraulic and habitat features □ Fish passage □ Report concerns, maintenance activities, fish presence











