

A photograph of a flooded landscape. In the background, a barn and a water tower are partially submerged in water. The foreground shows a grassy field with some trees and a fence. The sky is overcast. The image is used as a background for the title slide.

# Flood Damage Reduction Project: Avoidance, Minimization and Mitigation Progress Update

Chehalis River Basin Flood Control Zone District

November 4, 2021

# NEPA/SEPA DEIS Impacts Avoidance, Minimization and Mitigation (AMM) Efforts

- Continue Avoidance, Minimization and Mitigation (AMM).
- USACE and Ecology will consider/incorporate commitments in the final EISs.
- Timeline:
  - Last spring, the District began developing additional AMM.
  - Additional AMM defined through the budgeting process.
  - In September, the District adopted specific commitments
  - Began to communicate these commitments to the Department of Ecology and the Army Corps of Engineers.
    - Commitments focus on a number of resources but most prominently on impacts to aquatic resources.



# Summary of Flood District Commitments

- 1) No net loss of aquatic habitat
- 2) Mitigation of potential water temperature effects through Vegetation Management Plan in the reservoir area and downstream bank forestation
- 3) Priority Use of Large Woody Debris for habitat enhancement
- 4) Use of BMP's to prevent sedimentation from road construction and use
- 5) Long term monitoring of unstable slopes in the reservoir area
- 6) No disruption of Pe Ell water supply



# Summary of District Clarifications to Project Description being analyzed in the FEISs

- **Temporary Fish Passage**
- **Quarry Operations**
- **Location and configuration of access roads and Temporary Construction Facilities**
- **Power Supply and Levee construction to avoid wetlands**





# Ongoing Coordination with Agencies and Tribes

- Bi-weekly coordination meetings with Ecology and USACE.
- The District has conducted 8 meetings with agency staff including WDFW on technical topics.
- Upcoming meeting at the invitation of the Quinault Indian Nation scheduled for November 10.

