



TMDL/WQ Overview

Snohomish Basin Salmon Recovery Forum
February 7, 2019

Water Cleanup 101—TMDL Process

1. Conduct Water Quality Study

2. Develop Water Cleanup Plan

3. Prepare Detailed Implementation Plan

Put the Cleanup Plan into ACTION!

Approved WRIA 7 TMDLs

- ▶ **Snohomish River Tributaries – Fecal Coliform (FC)**
- ▶ **Snohomish River Estuary – Dissolved Oxygen (DO)**
- ▶ **Snohomish River - Dioxin**
- ▶ **Snoqualmie River Temperature**
- ▶ **Snoqualmie River Multi-parameter (Ammonia-N, FC, pH, DO)**





TMDL/TMDL Alternatives Under Development

- ▶ **Pilchuck River Temperature and DO TMDL**
- ▶ **French Creek Temperature and DO Alternative Restoration Plan – what is that?**
 - ▶ **Plan with technical data and implementation strategies with no EPA involvement**
- ▶ **Separated in 2016**
 - ▶ **Unusable data for Lower French – low stream flows**
 - ▶ **Speed delivery of Pilchuck information to stakeholders**

TMDL/TMDL Alternatives... Next Steps



- **Pilchuck River**
 - Complete draft and internal review – Feb/March 2019
 - Begin Advisory Group Meetings - Spring 2019
 - Public comment – Summer 2019
 - Anticipate completion – September 2019
- **French Creek**
 - Begin modeling in Early 2019
 - Coordinate with stakeholders including French Slough Flood Control District
- **Scoping Meeting**
 - Where do we work next?



Other Activities

- **Water Quality Monitoring**
 - **Ecology Ambient Monitoring Program**
 - **Stormwater Action Monitoring**
 - **Watershed Health Monitoring**
 - **Special Projects**
- **Nonpoint Field Specialist**



Grant Opportunities

- ▶ **Ecology Combined Funding Program**
 - ▶ Centennial/319
 - ▶ Stormwater Grants
 - ▶ SRF Low Interest Loans
- ▶ **Terry Husseman Account Grants**
- ▶ **Streamflow Restoration Grants?**



