



# Integrating TMDL and Nonpoint Programs in Washington State

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### How did we get here?

Vision: Align TMDL and nonpoint programs



## TMDL settlement agreement:

 Required Ecology to write implementation • plans.

#### 2000s

- TMDL focus on development pace
  - Prescriptive TMDLs
  - 319 funded TMDLs
  - Nonpoint program.
    - Straight to Implementation (ARP)
    - Identifying pollution sources and getting BMPs on the ground.

#### 2010s

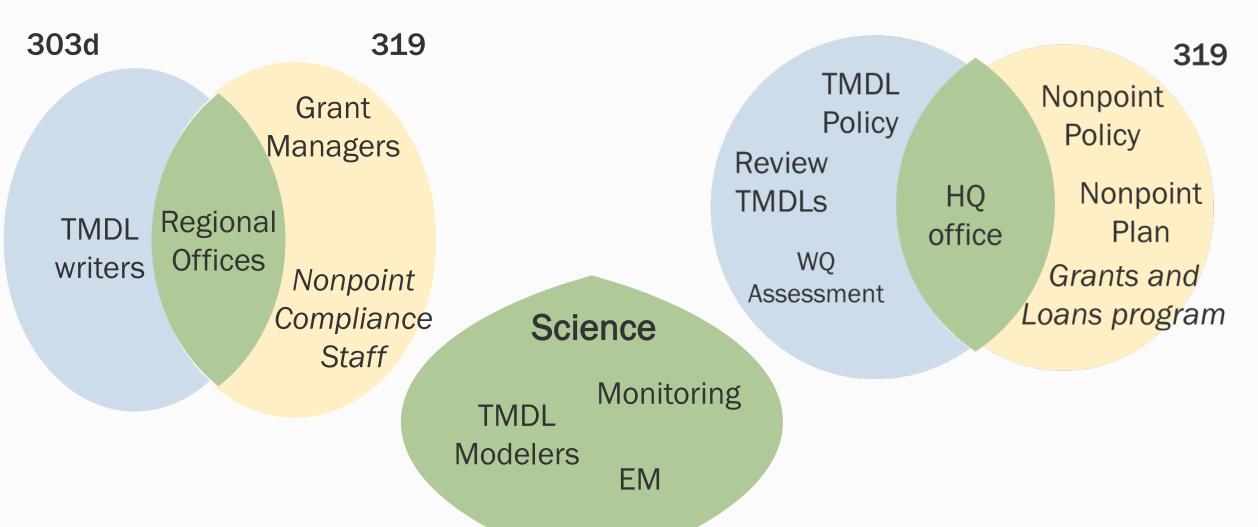
- Increased focus on TMDL implementation
- Created TMDL template (one document)
- Further integrating the TMDL and Nonpoint programs

#### 2020s

 Started using TMDL template



## **Organizational Advantages**



### **TMDL Template Components**



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### Introduction

- Overview
- Scope
- Uses of the Waterbodies
- Water Quality
   Criteria
- Targets

### **TMDL Allocation**

- TMDL Formula
- Loading Capacity
- Wasteload
   Allocations
- Margin of Safety
- TMDL
   Calculation

### **TMDL Template Components**



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#### <u>Implementation</u> Plan

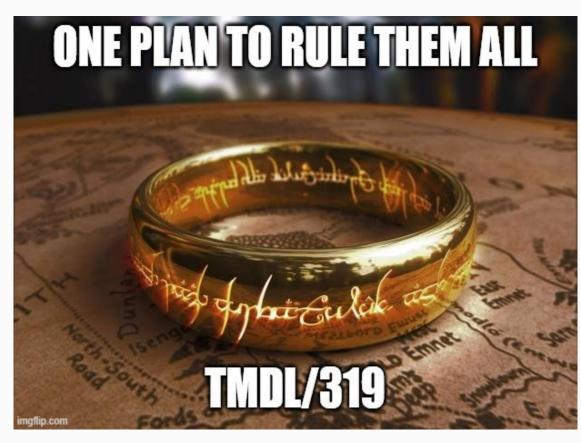
- Introduction
- Land Distribution
- Point Sources of Pollution
- Nonpoint Sources of Pollution
- Organizations that Implement the TMDI

- Priorities and Timeline
- Technical Feasibility
- Costs
- Outreach
- Tracking Progress
- Reasonable Assurance

### **Opportunities**

ECOLOGY State of Washington

- Implementability.
- Leveraging the best parts of each program.
- 319 grant eligibility.
- One place to go for Ecology's Plan.
- Reduces number of plans.
- Alignment.
- Helpful 319 elements:
  - The identification of causes of impairment and pollution sources
  - A description of the NPS management measures needed to be implemented
  - Schedule and Milestones





## Challenges

- Usefulness of some information.
- Plan length.
- Implementability.
- EPA review.





### Contact

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