Spokane Dissolved Oxygen TMDL Biennial Report

Karin Baldwin Water Quality Program



Report Timeline

Aug 13, 2014	Draft biennial plan to advisory group for review
Week of Sept 8, 2014	Received comments from advisory group
Nov 13, 2014	 Biennial Plan workshop SRSP members, Spokane CD, SRF, & Ecology Revised report outline Discussed how to incorporate comments



Report Outline

1) Introduction

Background TMDL Goals

2) Nonpoint Source Activities

Forest Roads Phosphorus Bans Organizational information

3) Permit Holder Activities

Avista

Stormwater

WA & ID Discharger information

4) Tributary TMDLs

5) Monitoring

Monitoring locations

Temperature, Precipitation, & Flow information

Data Observations

What's needed

6) Funding

7) Progress Report

Comparison with TMDL Goals Progress in relation to NPS Reduction Plan

8) Future Outlook

Adaptive Management Recommendations Ten Year Assessment

9) Appendices

Nonpoint success stories

DMR data

Ecology Ambient River Monitoring Data

Temperature & precipitation Data



What's New in the Report

- Discussion of improvement since 70's
- TMDL goals (allocations)
- Nonpoint sources
 - Forest road requirements & information from IEP
 - Information from the updated tracking database
 195 projects
 - -50 agricultural crop BMPs (direct seed, etc)
 - 15 stormwater projects
 - -81 riparian planting projects
 - -9 shoreline stabilization projects
 - -29 livestock fencing projects
 - Does not include reduction estimates.



What's New in the Report

- Avista
 - Include more information from their 2013 report
 - Summary of their data & graphs
- Point sources
 - Submitted information about their activities
 - Graphs of effluent data showing improvements
 - DMR data in an appendix



What's In the Report

- Monitoring
 - Included inflow, temperature & precipitation data
 - Talk about data in relation to chronology of actions
 - Trying to get data from the Idaho reach



Next Steps

- March 16 Workshop (1 pm)
- 2nd Review for Advisory Group ~April 16-20th
- Comments due ~May 8th
- Final report due to HQ by end of May
- Report published in June 2015
- Will be available on the TMDL website, SRF, etc.

