

St. Joe/St. Maries Watershed Advisory Group Meeting

November 19, 2010
St. Maries Fire Station



Agenda

- Introductions
- Temperature TMDLs
 - St. Maries
 - St. Joe
- Sediment TMDL 5-year Review
- New TMDLs
 - Macro-invertebrate bioassessment
 - Bacteria
 - Temperature
- TMDL Implementation
- Future WAG Meetings

Introductions

- Tyson Clyne
Watershed Coordinator
Idaho Department of Environmental Quality

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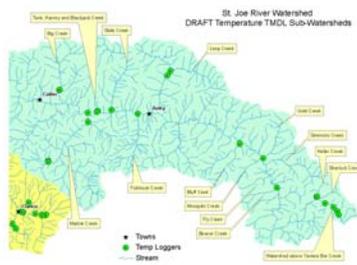


Temperature TMDLs

- St. Maries
 - WAG comments
 - Continue to accept comments
- St. Joe
 - Still developing DRAFT TMDL
 - Should be completed by end of November

Temperature TMDLs

- St. Joe
TMDL WS



Temperature TMDLs

- Integrated Report Temperature Listings

4a – Approved TMDLs

St. Joe (tribs NF to SM), Bear/Little Bear, Fishhook, Sherlock, Bluff, Mosquito, Fly, Beaver, Simmons, Gold and Loop Creeks

5 – Needs TMDL

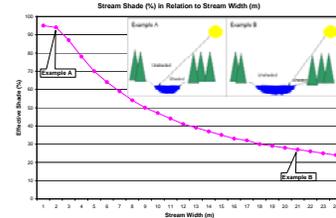
St. Joe (NF to SM), Marble, tribs to St. Joe HW to NF, St. Joe (HW to NF), Slate and Big Creeks

Temperature TMDLs

- DRAFT TMDL Results
 - Watersheds at or nearing potential
 - Fly, Mosquito, Beaver, Heller, and Bear/Little Bear Creeks
 - Watersheds with excess solar load
 - Big, Fishhook, Loop, Sherlock and Bluff Creeks
- Pending: Simmons, Gold, Slate and Marble Creeks

Temperature TMDLs

- TMDLs based on shade
 - Seeking natural stream temperatures using shade as surrogate

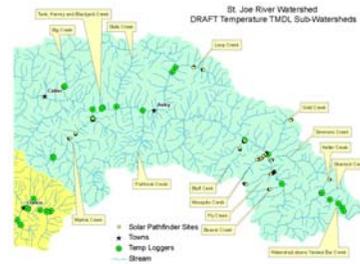


Temperature TMDLs

- Field Validation



Temperature TMDLs



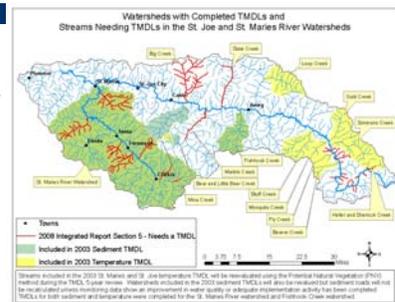
Temperature TMDLs

- Working to finish DRAFT by end of November
- DRAFT posted to WAG webpage
 - Figures, loading tables and updated document

Sediment TMDL 5-year Review

- Review:**
- Available data
 - Beneficial Uses
 - Load Allocations

- Need:**
- Assessment of work completed
 - Applicable WQ data



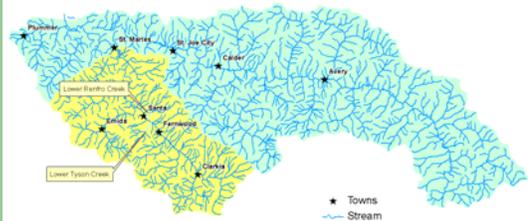
New TMDLs

- Macro-invertebrate bioassessment (2 AUs)
 - Poor BURP scores
- Bacteria (3 AUs)
 - *E. coli* data exceeding standards



Bacteria Listings

St. Joe HUC Streams Needing a TMDL - Section 5 of Integrated Report



Macro-invertebrate Bioassessment

St. Joe HUC Streams Needing a TMDL - Section 5 of Integrated Report



TMDL Implementation

- Document outlining how pollutants will be reduced
 - Sediment
 - Temperature
- Developed by WAG
- Living document



DEQ Updates

- Integrated Report open for Public Comment
 - Closes November 29th
 - Classifies water quality status of ALL Idaho surface waters

Viewable at DEQ webpage
<http://www.deq.idaho.gov/>

DEQ Updates – WQ Monitoring

- Coeur d'Alene Lake Management Plan continue monitoring
- Continued monitoring within the St. Maries River watershed
- Lower St. Joe River bank inventory completed



Future Meeting

- December 17th
 - St. Maries Fire Station, 9-11am
- WAG webpage:
 - http://www.deq.idaho.gov/about/regions/st_joe_st_maries_river_wag/index.cfm