

## St. Joe/St. Maries Watershed Advisory Group (WAG) Meeting

February 26, 2010  
St. Maries, Idaho



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## Meeting Agenda

- Introduction
- Idaho DEQ background
  - Coeur d'Alene Regional Office
- Clean Water Act
- Completed TMDLs
  - St. Joe and St. Maries – 2003
- WAG Roles
- Future Meetings

## Introductions

- Tyson Clyne
  - Watershed Coordinator – Idaho DEQ
  - Work for DEQ since May 2004
  - Background in Geology and Geographic Information Systems

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## Idaho Department of Environmental Quality (DEQ)

- Mission – *To protect human health and preserve the quality of Idaho's air, land, and water for the use and enjoyment today and in the future.*
- Created by the Idaho Environmental Protection Act
- Became a state agency in 2000

## Idaho Department of Environmental Quality (DEQ)

- Six Regional Office
  - Coeur d'Alene, Lewiston, Boise, Pocatello, Twin Falls and Idaho Falls
- State office located in Boise
  - Program guidance and assistance

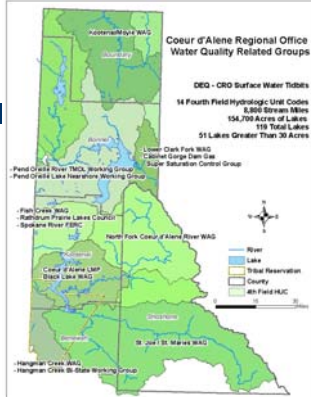
## Coeur d'Alene Regional Office

- Five sections
  - Surface water
  - Drinking water
  - Air
  - Engineering
  - Waste and Remediation



## Coeur d'Alene Regional Office

- TMDLs
- Comp. & Permits
- Monitoring
- Implementation
- CDA Lake Man.



## Clean Water Act

- *It is the goal of the CWA to restore and maintain the chemical, physical, and biological integrity of the Nation's waters.*



Cuyahoga River - November 3, 1952

## Clean Water Act

- Beneficial uses
  - Include recreation, aquatic life, drinking water and agricultural supply, and aesthetics
- Idaho Water Quality Standards
  - Standards are intended to protect, restore and preserve water quality so waters are available for their intended (beneficial) use.



## How do we do it?

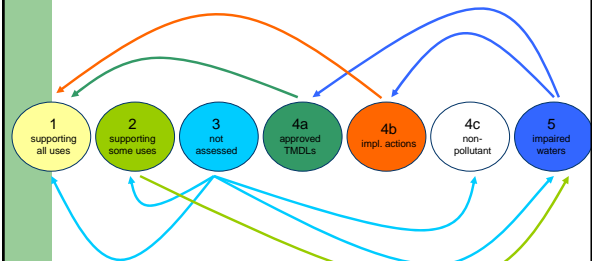
- Collect water quality data
- Analyze data to assess water quality



## Idaho's Integrated Report

- 5 sections used to classify Idaho's water bodies
  1. Attaining all standards
  2. Attaining some (most) standards
  3. Unassessed
  4. Impaired with TMDL
  5. Impaired needs TMDL
- Submitted to EPA every 2 years

## Idaho's Integrated Report



## Total Maximum Daily Load (TMDL)

- Sets a “speed limit” on pollution
- Pollutant loads calculated for all sources
  - Point source – waste load allocation
  - Non-point source – load allocation

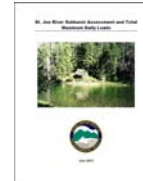
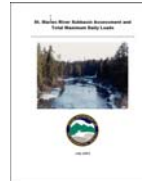


$$\text{TMDL} = \text{MOS} + \text{NB} + \text{WLA} + \text{LA} = \text{LC}$$

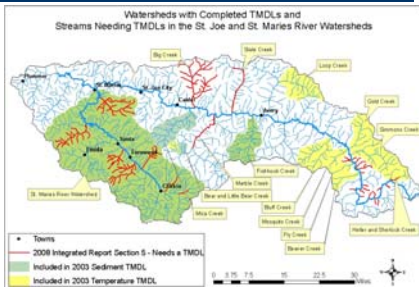


## TMDLs within the St. Joe Subbasin

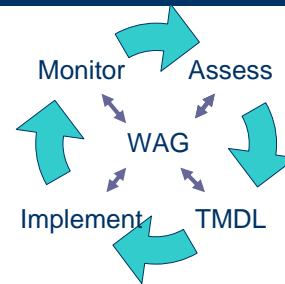
- St. Joe River Watershed
  - Sediment and Temperature
- St. Maries River Watershed
  - Sediment and Temperature



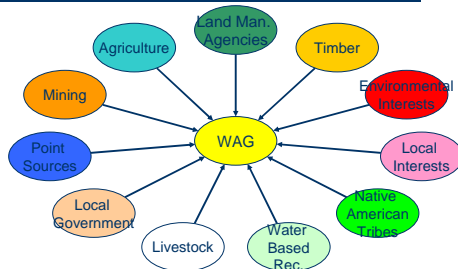
## TMDLs within the St. Joe Subbasin



## Feedback Loop



## WAG Membership



## WAG Roles

- House Bill 145
  - Amended Idaho Code 39-3601
- Clearly defines WAGs role in TMDL process
  - Must be formed for every TMDL
  - DEQ must allow WAGs the opportunity to participate in the development, implementation, and review of TMDLs

## WAG Roles

- Review
  - Documents
  - Data
- Provide local knowledge, experience, expertise, and information
- Once a draft TMDL is developed it is first reviewed by the WAG and then the public

## WAG Roles

- Meet once a month or...
- Meetings kept to 2-3 hours
- Meeting notes, minutes, and presentation will be posted on-line
- All meeting will be open to the public

## Our Next Meeting

March 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## WAG Webpage

- Used to share documents and meeting material

[http://www.deq.idaho.gov/about/regions/st\\_joe\\_st\\_maries\\_river\\_wag/index.cfm](http://www.deq.idaho.gov/about/regions/st_joe_st_maries_river_wag/index.cfm)

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