



# Fish Creek

Tyson Clyne  
and

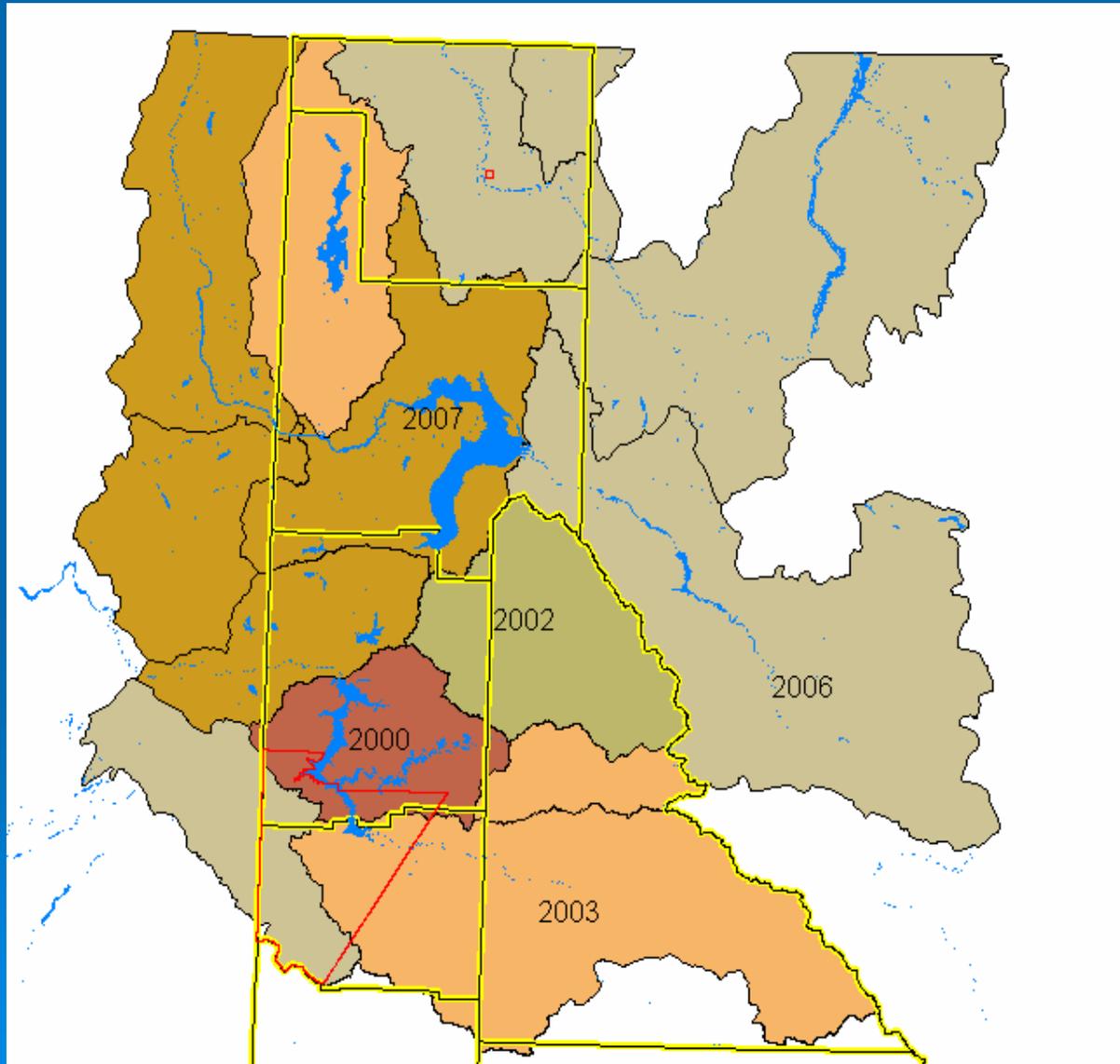
Jenna Borovansky

Idaho Department of Environmental Quality

# Goals and Objectives

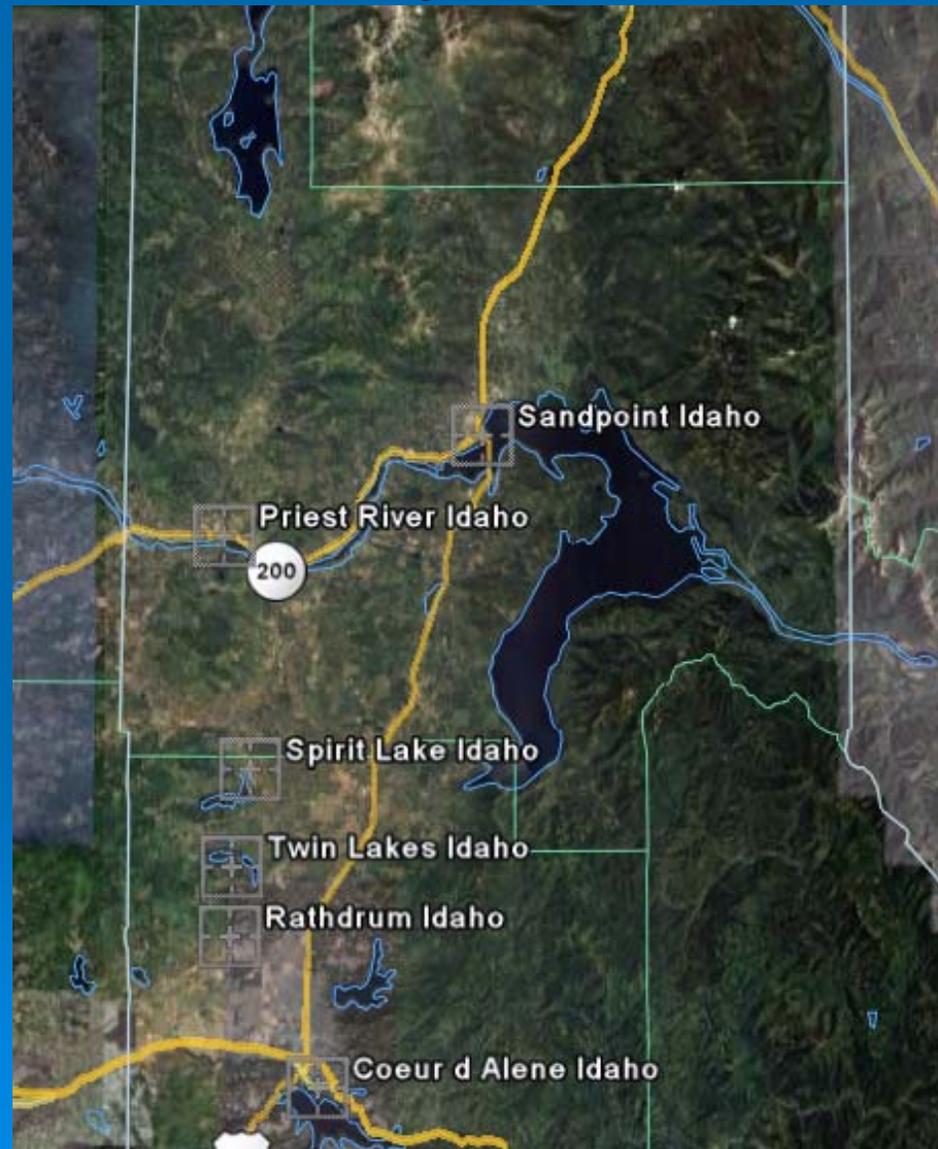
- To work cooperatively to achieve a realistic and usable water quality restoration plan for the Fish Creek Watershed.
  - Sharing of knowledge
  - Group discussion
  - Review of draft documents

# Idaho Panhandle Subbasins

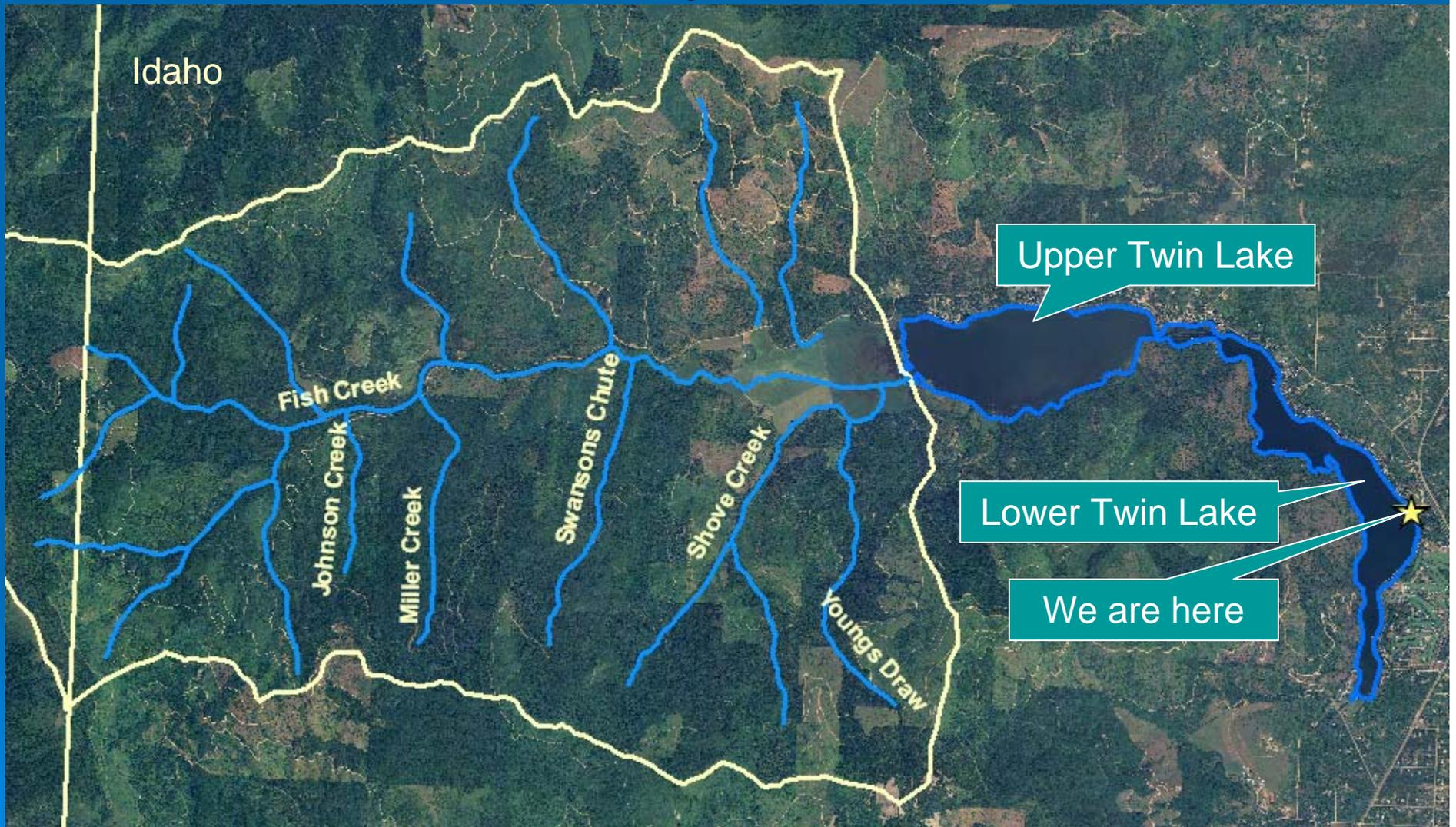


- Priest
- Kootenai
- Moyie
- Lake Pend Oreille
- Lower Clark Fork
- Upper Spokane
- CDA Lake
- NF CDA River
- SF CDA River
- St. Joe/St. Maries
- Hangman

# Study Area



# Study Area



# The Clean Water Act (CWA)

- Established in 1972

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



# The Clean Water Act (CWA)

- The federal Clean Water Act requires states to develop water quality standards.
- Idaho's standards have been developed and approved by the EPA.
- Standards are intended to protect, restore and preserve water quality so waters are available for their intended (beneficial) use.

# Fish Creek Presumed Beneficial Uses

- Primary or Secondary Contact Recreation
- Salmonid Spawning\*
- Cold water aquatic life
- Domestic water supply
- Agricultural water supply
- Industrial water supply
- Wildlife habitat
- Aesthetics

\* Existing use – uses attained in a waterbody on or after November 28, 1975, whether or not they are included in Idaho water quality standards.

# Associated Criteria

## ➤ Recreational Uses

- Primary Contact Recreation

- Single sample maximum of 406 *E. coli*/100 ml

- ➔ • 5 sample mean of 126 *E. coli*/100 ml

- Secondary Contact Recreation

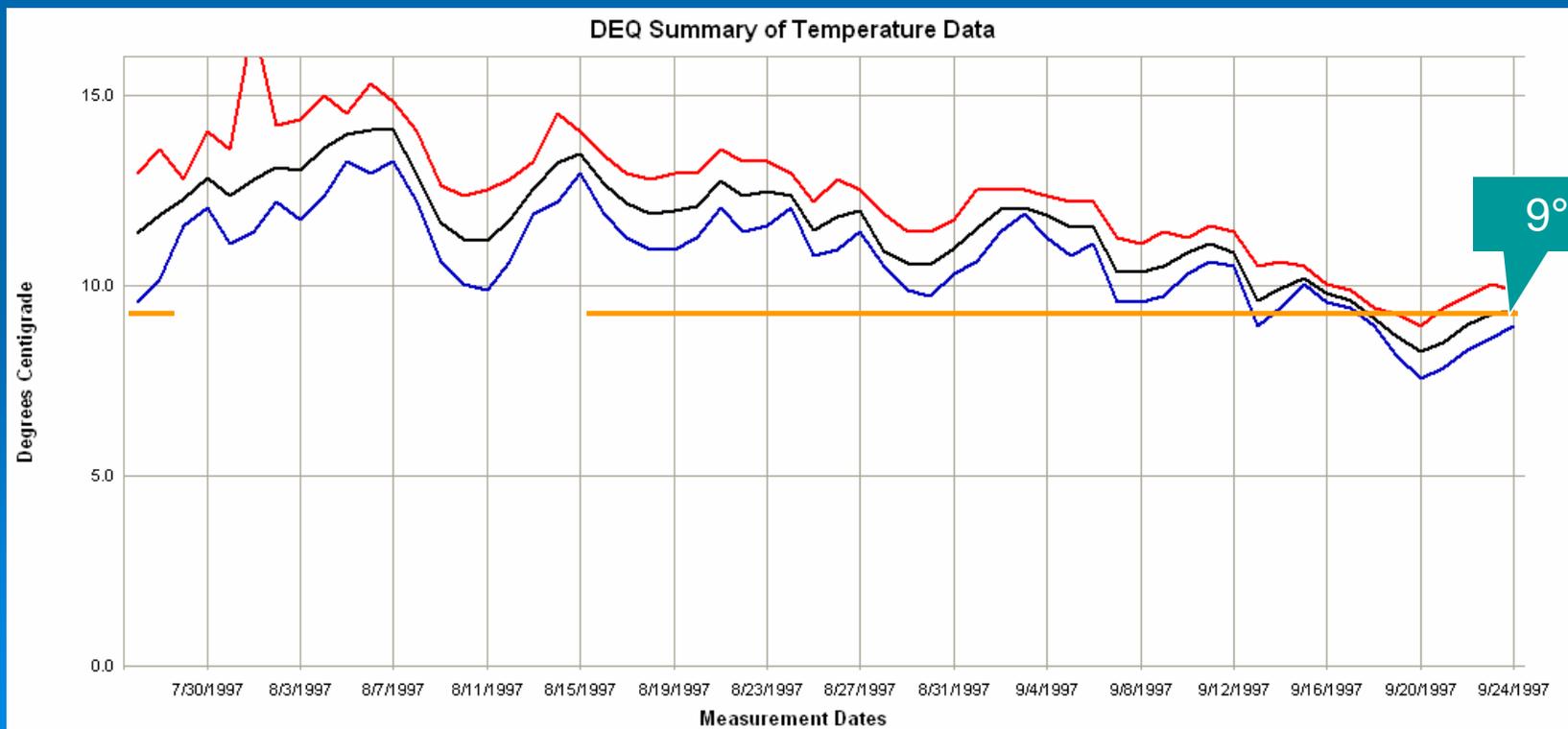
- Single sample maximum of 576 *E. coli*/100 ml

- ➔ • 5 sample mean of 126 *E. coli*/100 ml

# Associated Criteria

## ➤ Salmonid Spawning

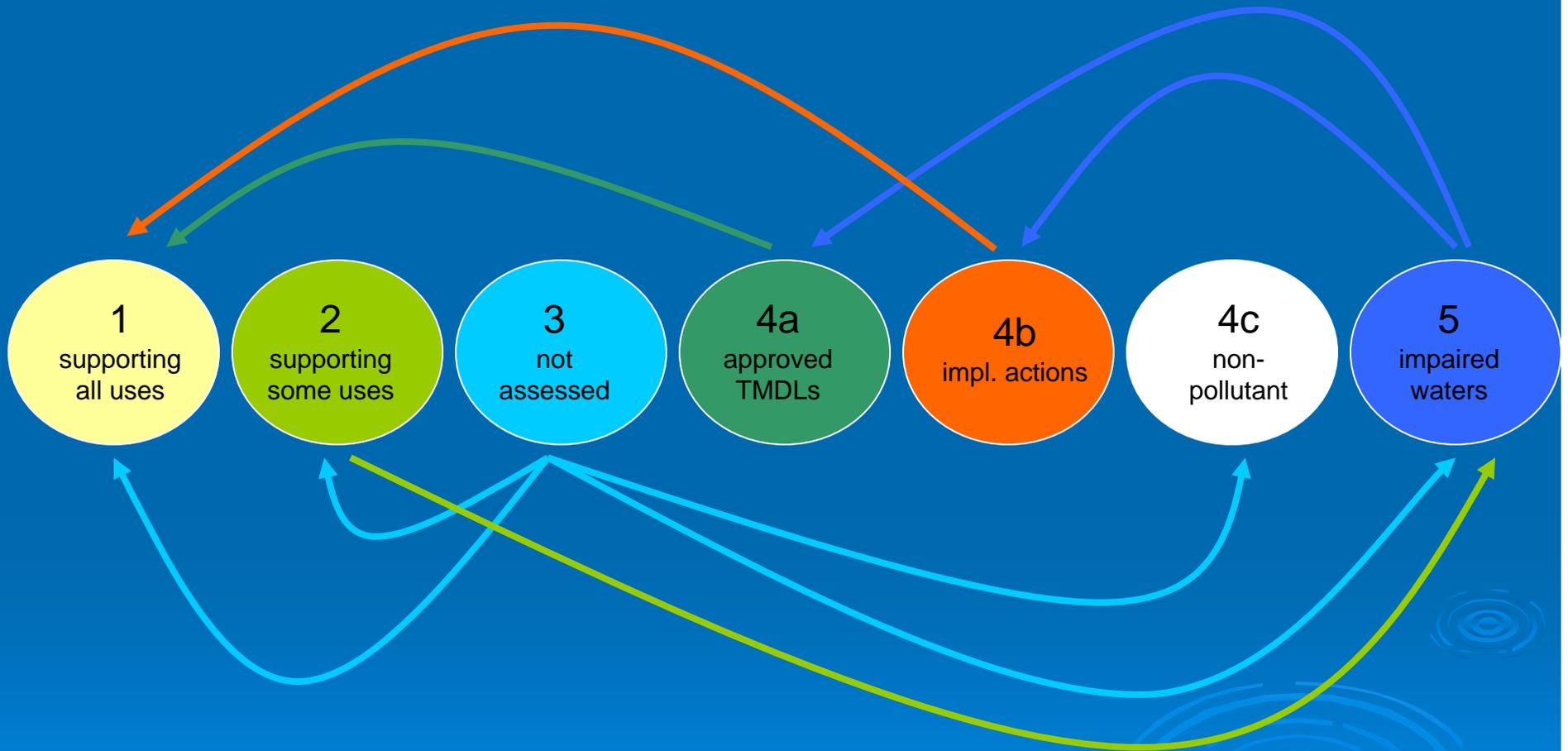
- 13°C (55.4°F) or less
- Maximum daily average no greater than 9°C (48.2°F)



# Water Quality Listing

- Every two years DEQ reviews water quality data
  - Waterbodies assessed are placed into one or multiple Integrated Report categories
  - Waterbodies placed in Section 5 of the Integrated Report are impaired waterbodies
- 

# Integrated Report Sections



# Fish Creek Water Quality Listing History

- 1998 §303(d)
  - Nutrients and Sediment
- 2002 Integrated Report
  - Unknown, Sediment, and Temperature

1  
supporting  
all uses

4a  
approved  
TMDLs

5  
impaired  
waters



# Integrated Report Section 5

| <i>Basin</i>       | <i>Segment Name</i>                                      | <i>Bac</i> | <i>Cd</i> | <i>Ukn</i> | <i>Pb</i> | <i>Hg</i> | <i>Met</i> | <i>Nut</i> | <i>O/G</i> | <i>Org</i> | <i>DO</i> | <i>IOrg</i> | <i>Path</i> | <i>Pest</i> | <i>pH</i> | <i>P</i> | <i>Sa</i> | <i>Se</i> | <i>Sed</i> | <i>TSS</i> | <i>Tem</i> |   |
|--------------------|--|------------|-----------|------------|-----------|-----------|------------|------------|------------|------------|-----------|-------------|-------------|-------------|-----------|----------|-----------|-----------|------------|------------|------------|---|
| <i>HUC</i>         | <i>17010305</i>  |            |           |            |           |           |            |            |            |            |           |             |             |             |           |          |           |           |            |            |            |   |
| ID17010305PN014_03 | Fish Creek -<br>Idaho/Washington border to<br>Twin Lakes |            |           | 1          |           |           |            |            |            |            |           |             |             |             |           |          |           |           | 1          |            | 1          |   |
| ID17010305PN014_02 | Fish Creek -<br>Idaho/Washington border to<br>Twin Lakes |            |           |            |           |           |            |            |            |            |           |             |             |             |           |          |           |           |            |            |            | 1 |



# What is a TMDL?

- Simply put, a TMDL is a pollutant budget. A TMDL is a calculation of the maximum amount of a pollutant that a waterbody can receive from human-caused sources and still protect Idaho Beneficial Uses.

# DEQ Responsibilities

- Consult with WAGs while developing the Subbasin Assessment and TMDL and present all requested information in a timely fashion
- Provide opportunity for the WAG to assist in writing the SBA, TMDL and Implementation Plans for the watershed
- Produce a Subbasin Assessment and TMDL in accordance with state and federal water quality laws
- Record any WAG disagreement with SBA/TMDL at the time of public comment and in all drafts of the document

# WAG Stakeholder Representation

- Agriculture
- Mining
- Point Source Dischargers
- Forest Products
- Local government
- Livestock
- Indian tribes
- Water-based recreation
- Environmental interests
- Land management and regulatory agencies with an interest
- Other members representative of the industries and interests affected by the management of the watershed

# WAG Operating Procedures



# DEQ Web Resources

DEQ website address:

<http://www.deq.idaho.gov>

Fish Creek WAG webpage:

[http://www.deq.idaho.gov/about/regions/fish\\_creek\\_wag/index.cfm](http://www.deq.idaho.gov/about/regions/fish_creek_wag/index.cfm)

# Fish Creek WAG Webpage

index.cfm - Microsoft Internet Explorer provided by DEQ

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail News RSS Feeds

Address http://www.deq.idaho.gov/about/regions/fish\_creek\_wag/index.cfm

Google Go Links Settings

Idaho Department of Environmental Quality HOME SEARCH FEEDBACK CONTACT US ACCESS IDAHO

About Us

- Public Info & Input
- Air
- Water
- Waste
- INL Oversight
- Maps & Data
- Rules & Regs



Return to

- [DEQ's Coeur d'Alene Regional Office Web Page](#)

Contact Us

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**About DEQ's Coeur d'Alene Region:  
Fish Creek Watershed  
(Upper Spokane Subbasin)  
Watershed Advisory Group (WAG)**

Content on this page is provided for informational purposes while the Fish Creek Watershed Advisory Group (WAG) and DEQ work to develop a water quality restoration plan (TMDL) to address temperature and sediment exceedance within the Fish Creek watershed. Through this cooperative effort and continued public involvement, DEQ's goal is to develop a comprehensive plan aimed at restoring all beneficial uses within the watershed.

[WAG Background Information](#)  
[WAG Introduction Letter](#)  
[WAG Survey](#)

**Upcoming Meeting Date**

**Tuesday, April 17, 2007, 6 - 8 p.m.**  
Twinlow Camp, Lower Twin Lake  
> Link to [Agenda](#).

**Directions from Spokane:**

1. Take I-90 east to Post Falls, exit 7 (Rathdrum/Spirit Lake).
2. Go north on Hwy 41 into Rathdrum (highway curves to right as you enter the town). Continue to first stop light (in front of Lakeland High School).
3. Turn left (takes you over a railroad overpass). Proceed to second stop light.
4. Turn right. You are now back on Hwy 41 again.
5. Follow Hwy 41 just under 5 miles. You will pass Twin Lakes Village Golf Course/Condominiums on your left.
6. Watch for the Fire Station sign (a yellow diamond shape sign with a fire truck picture).
7. Turn left on Par 3 Golf Course Road (just beyond Lightening Bar parking lot).
8. Take an immediate right onto Twinlow Road. Follow Twinlow Road to the Twinlow Camp parking lot.

\*If taking Trent Ave. (ID-53) from the Spokane Valley, proceed east on Trent. Continue east through Rathdrum to stop light. Pick up directions at #5.

Done Local intranet

start | Inbox - Microsoft ... | March 14 public m... | August 2 presenta... | April 17 WAG mee... | Presentations | WAG | index.cfm - Micros... | 12:41 PM

# Our Next Meeting

*May 2007*

| <i>Sunday</i> | <i>Monday</i> | <i>Tuesday</i> | <i>Wednesday</i> | <i>Thursday</i> | <i>Friday</i> | <i>Saturday</i> |
|---------------|---------------|----------------|------------------|-----------------|---------------|-----------------|
|               |               | 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              |               |                 |