

Agenda
Mystic Lake Relicensing
Fisheries, Aquatic Habitat and Water Quality Resource Group Meeting
Best Western Yellowstone Inn
Livingston, Montana
January 21, 2004
10:00 AM to 3:30 PM

- 10:00 Introductions, review of agenda, schedule of upcoming events, process for making study requests
Jon Jourdonnais, PPL Montana
- 10:30 Streamflow in the West Rosebud Creek Drainage
Doug Foss, GEI Consultants, Inc.
- Discussion and questions
- 12:00 Lunch
- 1:00 Split into groups: water quality and fisheries in one group, wildlife in a second group. See separate agendas for each group's meeting.
- 3:00 Regroup. Discussion of the need for future meetings, dates
- 3:30 Adjourn

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Fisheries and Water Resources Resource Groups
January 21, 2004

Mystic Lake Fisheries 1:00 – 2:15

Presentation and review of data

- Review of previous work done on lake levels and rainbow trout spawning
- Genetics report from University of Montana
- Outlet structure configuration

Discussion of issues

- Entrainment
- Status of fish population
- July 10 fill date

Next field season's work

- Sonar sampling?
- Gillnetting?
- Angling?

Bypass Reach of West Rosebud Creek – Fisheries

Presentation and review of data

- Slide show - bypass reach aquatic habitat
- Review of creel census data

Discussion of issues

- Current status of fish population
- Instream flow
- Recreational use

Next field season's work

Below Powerhouse section – Fisheries

Presentation and review of data

- Any new information?

Discussion of issues

- Fish passage at the reregulation dam
- Impact of project on flows, spawning, and riparian habitat

Next field season's work

Water Quality 2:15 – 3:00

Issues for discussion:

1. Resource Documentation
2. PCB's from old wood pipeline in sediments
3. Metals from flowline in water and in sediments
4. Temperature related to spawning fish
5. Turbidity at high flow, bottom of reservoir drawdown, peaking effects
6. Drawdown Plan for Dam Maintenance
7. Oil and Hazardous Spill Plan
8. Flow Restoration Plan if penstock breaks
9. Mystic Lake winter photos showing drawdown