

**Montana Department
of
Fish, Wildlife & Parks**

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FISHERIES DIV.

Liter *Pat Graham*
LP *Helena*



MONTHLY PROGRESS REPORT

Project Title: Montana Rivers Information System
Project Number: BPA 38573, MDFWP 3874-7 and 3874-9
Project Manager: Janet Decker-Hess *[Signature]*
Project Biologist: Gael Bissell *[Signature]*
Report for the Month: April 1990

1. Summary of significant results.

Organized meeting with Department personnel and NRIS staff in regards to fisheries data base update scheduled for May 9, in Helena. Received copies of EPA River Reach overlay maps to begin fisheries update prototype. Prototype will include mapping existing fisheries reaches including boundary problems to discuss with area biologists. Updated RIVERS.DBF to correct upper and lower boundaries on rivers with sections.

Worked on small hydro analysis to determine variety in site election with respect to gradient, flow and fish and wildlife habitat. Worked on several river protection issues including completion of issue paper and testimony for proposed federal legislation on river corridor protection. Presented information at career day for young women and high school biology class.

Wildlife: Completed input of source name for wildlife data base and forwarded to Jim Senkler. Demonstrated MRIS at Clark Fork symposium on April 20. Met with Jim Senkler and Margaret Beer on April 25, to discuss ways to incorporate vertebrate characterization abstracts (VCA) into MRIS. Developed and tested various wildlife data base structures for Protected Areas reaches using portions of VCA and element occurrence data. Continued review/update of protected areas files. Postponed installment of MRIS at Montana Riparian Association due to schedule conflicts.

NRIS: General overlay work completed. Completed map work for geologic and natural features data conversion to EPA RRN and started recreation conversion. Had master overlays copies to sepia. Sent copies to Kalispell. Stimson discussed the MRIS update with Dr. David Mogk (MSU) and Dr. Hyndman (U of M), specifically concerning addition of geology site data. Hyndman and Alt of UM have completed a very extensive listing significant geologic sites for Montana. This information is available for use in updating MRIS. Both Mogk and Hyndman expressed interest in creating a Montana Geologic Site data base. I suggested the existing MRIS data base could be modified/expanded to accommodate their interest. Will pursue.

Selected USFS staff officers added to MRIS update list. Presentation to group of new water right specialists from DNRC, and water quality specialist from DHES (4-5-90). Presentation to USFS temporary field personnel (3-27-90). Arranged for second poster display and delivery to Missoula.

No new load ups or follow up calls.

MRIS Data Requests:

Greg Hallsten, DSL, requested any data for area near Roundup, Montana. Jay Cornish, Multitech, requested any data for Bear Creek, near Bozeman. Steve Welch, DSL, requested pre-construction (gravel pit) assessment for area south of Livingston.

2. Brief discussion major problems encountered, changes in work plan, or schedule deviations.

None.

3. Short description of planned activities for the following month.

Prepare prototype fisheries update maps and other information for May 9 fisheries data base meeting in Helena with Department personnel and NRIS staff. Continue to work on EPA overlays and fisheries update. Attend meeting with Kootenai-Salish Tribe to discuss river data base with resource staff.

Wildlife: Complete incorporation of comments and of test results for wildlife data base structure to be used in MRIS update. Write proposal to use GIS in incorporating DFWP-maintained wildlife data into MRIS in the future. Reschedule installation of MRIS for Montana Riparian Association. Schedule meeting with Dave Genter, Heritage Program.

NRIS: Install MRIS at DNRC Water Rights Field Office in Missoula. Modify MRIS mailing list and create data base. Work on recreation data base conversion and natural and geologic features data entry. Review Bruce Fisher's EPA/RNN/GIS/demo program . . . when it gets here.

4. Itemized listing of each non-expendable item greater than \$1,000 and each designated sensitive item.

None.

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c: Tom Pansky, BPA (3 copies)	Peter Paquet, NWPPC (Portland)
Dave Genter, Natural Heritage	Jim Stimson, NRIS
Larry Lockard, USFWS	Dan Hinkley, BLM (Billings)
Ginger Thomas, CSKT	Bob Haburchak, BLM (Billings)
Earl Reinsel, USFS (Missoula)	Paul Hanson, U of M (Riparian Assoc.)
Don Bartschi, USFS (Missoula)	Terry Lonner, R-3
Larry Peterman, Don Childress	Pat Graham, Fay Moore
Al Elser, Mike Aderhold	John Fraley, Gael Bissell