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Helena

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

FISH & WILDLIFE DIV.
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MONTHLY PROGRESS REPORT

Project Title: Montana Rivers Information System (MRIS)
Project Number: BPA 38573, MDFWP 3874-7 and 3874-9
Project Manager: Janet Decker-Hess *[Signature]*
Project Biologist: Gael Bissell
Recreation Technician: Denise Davies
Report for the Month: September 1991

1. Summary of significant results.

Project Management and Fisheries: Went through Regions 1-5 to make final additions, deletions and changes to cross-reference file between serial number and EPA code. Received editing program with appropriate screens to do data entry/check from Jim Senkler. Met with regional staff involved in GIS project to go over options and update. Met in Helena with NRIS and GIS staff to discuss recently acquired line file of western Montana, tasks needed to complete line file for state and contract with BPA to get job done. Met with fisheries division staff in Helena to discuss GIS projects. Attended responsive management fisheries division meeting in Helena--very beneficial.

Wildlife: Reviewed research literature for use in MRIS update for Long Pines, Middle Missouri River, and portions of central Montana, East Front, and Smith River. Plotted key resource data on 100k overlays from reports to use in GIS. Began incorporation of white-tailed deer data (population density classifications) into tabular file. Added stream reaches to NWPPC system as needed. Continued coordination of GIS work station acquisition with BPA, Washington State Energy Office (WSEO), Helena and regional staff, and vendors. Drafted proposal to BPA for software and peripherals. Met with Lea Knutsen in Olympia, WA, to see completed wildlife and rivers data layers and to discuss MRIS updates via GIS.

Recreation: Finished tagging EPA River Reach Number to new recreation data for Region 1. Nearly completed linking new recreation data to EPA RRN for Region 2.

NRIS: Continuing work on the Stream and Lake data base as reported by Jim Senkler. Reviewing proposal to BPA for GIS and RRN work, adding and budget estimate. John Jarvie is proceeding with a general check of the USGS stream reach coverages. Jon Sesso, Director of NRIS, accepted the position of Planning Director with the Butte-Silver Bow Planning Office, effective 10/15/91. Contract with DHES was amended for work on the Clark Fork Nutrient Study. Project involves finishing a GIS user interface. DHES WQB is interested in cooperating with the evaluation of programs to convert township/range to latitude/longitude. Work will begin in October or November. A contract with the USGS NAWDEX Program was awarded on September 4 to the Water Information System to continue development on the

PC Master Water Data Index. The Water Information System will assist the USGS in an inventory of nutrient and sediment data sources for Montana beginning in November.

Requests for MRIS data:

P-PC WHAT IS WANTED: Needs MRIS (data on fish, wildlife and recreation) and streamflow for Alder Gulch in Madison County T6S R4W.

P-PC WHAT IS WANTED: Any information to support the Attorney Generals office with the possible litigation with the Blackfeet Tribe.

S-FWP WHAT IS WANTED: Needs digital or spatial data for institutional constraints on various types of state and federal areas.

F-EPA WHAT IS WANTED: Needs any information related to on a pothole project.

S-FWP WHAT IS WANTED: Needs all data types for the area surrounding section 34, T10N R5W.

P-PC WHAT IS WANTED: Consultant working for the Tribes on the lower Flathead River Management Plan. Needs everything for the area, specifically for the river and the uplands surrounding it. From the lake to the Clark Fork. We will provide maps showing station location.

P-PP WHAT IS WANTED: Needs all data types for the area around Blackleaf Canyon and Blackleaf Creek.

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

None.

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

Project Management and Fisheries: Input cross-reference changes in editing program and send to Jim Senkler. Receive editing screens to begin input of fisheries data. Hire technician to replace Dondi Dawley. Complete scoping of GIS projects for fisheries.

Wildlife: Complete proposal to WSEO for acquisition of ARC/INFO software, peripherals, and training. NRIS on 2nd proposal to WSEO for hydrography update. Complete R-1 description of GIS application for John Munding and GIS subcommittee. Coordinate R-1 presentation for next GIS subcommittee (late October - early November). Continue review of wildlife reports for use in MRIS update. Assist in hiring MRIS fish, wildlife and recreation technician(s) or work study student(s). Review compilation of wildlife species data for river reach system update performed by Jim Senkler. Request update on species of special concern from Montana Natural Heritage Program.

Recreation: Will finish tagging data to EPA number for Region 2. Will design the layout of the data entry screens, and upon completion of entry screen programs by Jim Senkler, MRIS programmer. Will enter new recreation data for Region 1-3.

NRIS: Continue work on the proposal to BPA. Duties as outlined in revised time estimates. Handle requests and assist in the GIS projects.

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

None.

c: Tom Pansky, BPA, Portland (3 copies)	Peter Paquet, NWPPC (Portland)
Dave Genter, Natural Heritage	Jim Stimson, NRIS
Larry Lockard, USFWS	Dan Hinkley, Bob Haburchak, BLM, Billings
Joe DosSantos, CSKT	Terry Lonner, R-3
Paul Hanson, U of M	Rick Stowell, USFS, Missoula
Rick Torquemada, USFS, Missoula	
Don Childress, Pat Graham, Fay Moore, Howard Johnson, Larry Peterman, Chris Hunter, Jim Domino	
John Fraley, Gael Bissell, Dan Vincent, Denise Davies	

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