

Water Resources Division

"Giardia in the Backcountry," by Sam Kunkle of the Water Resources Division staff, appeared in the October 1985 issue of *Journal of Forestry* (Vol. 83, No. 10, pp. 612-613).

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Dave Beeson of the NPS Water Resources Division staff at Colorado State University, held a poster session about lake history in Rocky Mountain NP as indicated by diatom taxonomy and stratigraphy at the 8th North American Diatom Symposium held recently at the Hancock Biological Station in Kentucky.

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Division work for the Rocky Mountain Region recently includes map making on the change in point of use applications for water rights in Rocky Mountain NP, a flood study for Arches NP, and a review of the Department of Energy's revised methodology for ranking sites suitable for the nation's first high-level nuclear waste repository.

A progress report, submitted by the Flathead River International Study Board to the International Joint Commission on the status of the investigation of transboundary water impacts of the Cabin Creek Coal Mine north of Glacier NP, provides background on the study's approach, organization, and issues and problems that have become evident. The Board's recommendation was to extend the study's deadline from May 15 to Dec. 15, 1986.

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For the National Capital Region, the Water Resources Division began work with the C & O Canal NHP to develop the FY 86 scope of park flood study work. This phase will focus on threats to special features and historic structures.

For the Midwest Region, the Division has forwarded a proposal for a three year study on the St. Croix River, involving ecological characterization, biological assessment of aquatic resources.

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For the Pacific Northwest Region, the Division made its final inspection of the new water facilities at Nez Perce NHP and is following up on a possible water quality question reflected by increasing chlorine demand. A proposal is now available covering Lake Crescent, Olympic NP, sediment work to include pollen, charcoal, and diatom stratigraphy.

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In the Alaska region, the Water Resources Division took part in a planning meeting on preparation of a handbook that will deal with environmental effects of

placer mining. The booklet will present an overview of placer mining technologies, identify placer mining state-of-the-art, enumerate environmental impacts and what can be done to mitigate them.