



## Protocol for Monitoring Metals in Ozark National Scenic Riverways, Missouri: Version 1.0: Usgs Open-File Report 2008-1269 (Paperback)

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By Christopher J Schmitt

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The National Park Service is developing a monitoring plan for the Ozark National Scenic Riverways in southeastern Missouri. Because of concerns about the release of lead, zinc, and other metals from lead-zinc mining to streams, the monitoring plan will include mining-related metals. After considering a variety of alternatives, the plan will consist of measuring the concentrations of cadmium, cobalt, lead, nickel, and zinc in composite samples of crayfish (*Orconectes luteus* or alternate species) and Asian clam (*Corbicula fluminea*) collected periodically from selected sites. This document, which comprises a protocol narrative and supporting standard operating procedures, describes the methods to be employed prior to, during, and after collection of the organisms, along with procedures for their chemical analysis and quality assurance; statistical analysis, interpretation, and reporting of the data; and for modifying the protocol narrative and supporting standard operating procedures. A list of supplies and equipment, data forms, and sample labels are also included. An example based on data from a pilot study is presented.



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