

ROLLA WATER RESOURCES LUNCHEON SEMINAR

Thursday, March 17, 2011

11:45 a.m. - 1:00 p.m.

U.S. GEOLOGICAL SURVEY

1400 INDEPENDENCE ROAD

ROLLA, MO 65401

Urich Log Jam Removal

Joseph Wilson

Allgeier, Martin and Associates

The South Grand River in Henry County, Missouri was blocked in several locations by log jams. The City of Urich, Missouri, with the assistance of the Henry County Economic Development Council, Inc., authorized a study of the flooding problems associated with the log jams between Urich and Old Hartwell Road.

The study objectives included determining the impacts, if any, the log jams had on local flooding and to develop possible solutions for the identified problems. Key components of the Urich Log Jam Removal Study included water-surface profile analysis, flood frequency analysis, stream discharge measurements, environmental permitting and development of alternative solutions to identified problems. Construction plans were prepared, regulatory permits acquired and construction inspection was performed based on the findings of the Urich Log Jam Removal Study.

---Next Luncheon---

Frank Chappelle—Research Hydrologist, Columbia, SC

Note: Date and Time To Be Determined during Week of April 18, 2011

Park in the USGS south lot (free parking) and enter the visitor entrance in the southwest corner of the building. For those of you attending the meeting from outside Rolla, you can find directions to the USGS Rolla Center at: <http://mcmcweb.er.usgs.gov/>. The Rolla Water Resources Luncheon is a Brown Bag Lunch event. For those unfamiliar with the area and disinclined to brown bag it, you can find take-out options offerings among the Rolla restaurants found at: <http://mcmcweb.er.usgs.gov/rollamap09ext.pdf>