

ADDENDUM TO THE AGENDA

ASSOCIATION OF CENTRAL OKLAHOMA GOVERNMENTS
BOARD OF DIRECTORS
THURSDAY, JUNE 25, 2009

1:45 P.M.

Or immediately following the ITPC meeting

ACOG CONFERENCE ROOM
21 EAST MAIN STREET, SUITE 100
OKLAHOMA CITY, OKLAHOMA 73104-2405

VI. CONSENT DOCKET

U. CONTRACT WITH OKLAHOMA OFFICE OF THE SECRETARY OF ENVIRONMENT FOR
FY 09 604(b) PROJECT

INFORMATION: As part of the ongoing 604(b) grant program, ACOG staff has proposed a regional cross-section project to standardize geologic and hydrogeologic units in the Garber-Wellington aquifer. Geologic cross-sections have long been a standard in the interpretation of regional geology. They are invaluable tools for interpretation of geologic structure and stratigraphy, which in turn is crucial for understanding hydrogeologic objectives such as water quantity and water quality. A previous 604(b) study used geologic cross-sections to map out drilling locations in the Nichols Hills and Edmond water well fields that had high yields and low arsenic content.

Although several geologic research studies utilizing cross-sectional work have occurred in the past few years, most of these studies were extremely local in nature; no attempt to unify these interpretations into a more regional scope have been made. It is proposed to produce a set of regional cross-section interpretations for the central Oklahoma region in an effort to incorporate and standardize geologic interpretations for the aquifer in central Oklahoma. The data set will be primarily from the digital log file that the Garber-Wellington Association has accumulated over the past twenty years.

It is anticipated that this work will be integrated into the modeling work under the yield study that the Oklahoma Water Resources Board anticipates performing in the next two to three years.

The formal 604(b) proposal can be viewed at the ACOG ftp site at:

[ftp://ftp.acogok.org/Water/09604\(b\)%20-%20Cross-Section%20Work%20in%20Central%20Oklahoma/Admin/ACOG FY 09 604\(b\) 3 Cross-Section Workplan 03 11-25-2008.doc](ftp://ftp.acogok.org/Water/09604(b)%20-%20Cross-Section%20Work%20in%20Central%20Oklahoma/Admin/ACOG%20FY%2009%20604(b)%203%20Cross-Section%20Workplan%2003%2011-25-2008.doc)

Action Requested: Motion to authorize ACOG Executive Director to approve the contract between ACOG and the Oklahoma Office of the Secretary of Environment (OSE) to perform the FY09 604(b) project.