

PLEASE NOTIFY ACOG AT 234-2264 (TDD 234-2217) BY 5:00 P.M. JUN 25
IF YOU DESIRE A SIGN-LANGUAGE INTERPRETER AT THE MEETING



*association of central oklahoma governments
Garber-Wellington Association*

Chair John Brown
Piedmont Councilmember

Vice-Chair Jim Pumphrey
Nicoma Park Councilmember

Secretary/Treasurer Russell Smith
Midwest City Mayor

Executive Director
Zach D. Taylor

AGENDA

**GARBER-WELLINGTON ASSOCIATION
POLICY COMMITTEE
June 28, 2007 (Thursday) 2:30 P.M.
(or immediately following the ACOG Board of Director's Meeting)**

ACOG CONFERENCE ROOM
21 EAST MAIN, SUITE 100, OKLAHOMA CITY, OKLAHOMA

- I. CALL TO ORDER - Roll Call
- II. INTRODUCTION OF GUESTS
- III. APPROVAL OF MINUTES ([Attachment III](#))

Action Requested: Motion to approve minutes of the May 31, 2007 meeting.

- IV. STAFF REPORT

Surface Water Quality Modeling Report - Both the city of Mustang and Oklahoma City have been reviewing plans for modifying discharge permits. ACOG has generated the water quality models for these plans. Staff will show a quick review of the options.

Action Requested: None, for information only.

- V. PROGRESS REPORT ([Attachment V](#))
- VI. NEW BUSINESS
- VII. ADJOURNMENT

MINUTES

GARBER-WELLINGTON ASSOCIATION
POLICY COMMITTEE MEETING

May 31, 2007

The fifth regularly scheduled meeting of the Garber-Wellington Association Policy Committee for the calendar year 2007 was convened on May 31, 2007 in the Association of Central Oklahoma Governments (ACOG) Board Room, 21 E. Main Street, Suite 100, Oklahoma City, Oklahoma. The meeting was held as indicated by advance notice filed with the Oklahoma County Clerk and by notice posted at the ACOG offices at least twenty-four hours prior to the meeting.

PRESIDING

CITY/AGENCY

Hon. Jim Pumphrey, Councilmember, Acting Chairperson City of Nicoma Park

POLICY COMMITTEE PRESENT

Hon. Ken Bartlett, Councilmember	City of Del City
Hon. Marianne Yarbrough, Trustee	Town of Forest Park
Hon. Ray Poland, Councilmember	Town of Jones City
Hon. Mark Sharpton, Commissioner	Logan County
Hon. Margaret Graham, Councilmember	City of Luther
Hon. Kathy McMillan, Councilmember	City of Moore
Hon. Keith Bryan, Councilmember	City of Mustang
Hon. Kathy Walker, Councilmember	City of Nichols Hills
Hon. David Hopper, Councilmember	City of Norman
Hon. Willa Johnson, Councilmember	City of Oklahoma City
Hon Ray Vaughn, Commissioner	Oklahoma County
Hon. Mike Fina, Councilmember	City of Piedmont
Hon. Scott Symes, Mayor	City of The Village

GUESTS

Mary Murphey, Administrative Assistant	Logan County Commissioner's Office
Joe Blough, Deputy Commissioner	District 1, Oklahoma County
Hon. Jodi Lewis, Councilmember	City of Piedmont

ACOG STAFF PRESENT

POSITION

Zach D. Taylor	Executive Director
John M. Harrington	Division Director, Water Resources

Jane Sutter
Debbie Cook
John G. Johnson
Doug Rex
Jerry Church
Ellen Owens

Division Director, IGS
Director of Finance and Budget
Legal Consultant
Division Director, TPDS
Communications Programs Coord., IGS
Division Secretary, Water Resources

I. CALL TO ORDER

Director Pumphrey called the meeting to order at 2:40 p.m., noting that a quorum was present.

II. INTRODUCTION OF GUESTS

The aforementioned guests were present at the meeting.

III. APPROVAL OF MINUTES

Director Hopper made a motion to approve the minutes of the April 26, 2007 meeting. Director Poland seconded the motion and the motion carried with the following vote:

AYE: Pumphrey, Bartlett, Yarbrough, Poland, Sharpton, Graham, McMillan, Bryan, Walker, Hopper, Johnson, Vaughn, Fina, and Symes

NAY: None

ABSTAIN: None

IV. ELECTION OF GWA OFFICERS

Director Pumphrey said the Nominations Committee met and made the following recommendations related to the election of Garber-Wellington officers: John Brown, Piedmont Councilmember for Chairperson, Jim Pumphrey, Nicoma Park Councilmember for Vice-Chairperson, and Russell Smith, Mayor of Midwest City for Secretary-Treasurer. Director Sharpton made a motion to approve the recommendations of the Nominations Committee for the offices of Chairman, Vice-Chairman, and Secretary-Treasurer. The motion was seconded by Director Johnson and carried with the following vote:

AYE: Pumphrey, Bartlett, Yarbrough, Poland, Sharpton, Graham, McMillan, Bryan, Walker, Hopper, Johnson, Vaughn, Fina, and Symes

NAY: None

ABSTAIN: None

V. STAFF REPORT

A. The Thunderhead Hills Survey – John Harrington informed the Committee that the Thunderhead Hills Survey is nearing completion, commenting that the report should be released within a week. He mentioned that a question was asked during the meeting in April about the distribution of wells that were drilled in 2007. He displayed a map which showed a breakdown of the drilled wells and remarked that two-thirds of the wells drilled in the Garber-Wellington in a year are domestic wells. He said that geothermal drilling began about ten years ago and they account for one to two percent of wells drilled. He also said that wells drilled last year tripled those drilled in previous years.

Mr. Hopper asked if the geothermal wells are for residential and commercial purposes. Mr. Harrington replied in the affirmative, commenting that these wells are being drilled down about two or three hundred feet.

Mr. Harrington said that the Thunderhead Hills area started developing in 1973 and was completed by 1989 but there is still development in progress in the surrounding area. He pointed out an oil and gas field in northeast Edmond and indicated the position of the Garber #1 and Garber #2 as well as a saltwater disposal well and an injection well. He said that back in 1951 there was no real development in the area and that the oil and gas industry back then did not have the environmental restrictions they have today. As a result, some of the wells or pits had no lining and the brine sank into the groundwater and then was allowed to flow into ditches.

Mr. Harrington said that when reports of saltwater contamination in Thunderhead Hills first began, the Oklahoma Corporation Commission began sampling in the area. He displayed a graph comparing 1997 to 1999, pointing out wells containing chloride contamination in 1997 and then in 1999, the readings were less intensive. He said that from the geochemistry they have learned that the sodium to chloride ratio was one sodium to one chloride absorbed. He said that the closer to the source of the salt, the more it approaches one, but the further away from the source, the sodium is absorbed in the aquifer. However, the chloride keeps on going. He said he is re-assessing the geochemistry looking for sodium-chloride ratios and the next phase will be looking at wells that seem to have a sodium to chloride ratio of one to one.

Mr. Harrington concluded that the saline groundwater in Thunderhead Hills is due to old brine pits and pollution is from multiple sources and not from a single source to the north. He also commented that the resistivity method is a viable tool for saline pit location.

Mr. Taylor commented that the techniques that continue to be developed are ones which make it possible to avoid problems by geophysical exploration before drilling. He said that oftentimes, there will be problems in the landscape and you do not know where it is coming from, nor how to define it, but the geophysical techniques can be used to find the source.

Mr. Poland commented that back in the late 1970's to early 1980's, he worked for a drilling company that contracted out to Standard Testing. He said that for every new addition, they had to take core samples. He asked if drillers had gotten away from doing that. Mr. Harrington said that core samples are still taken but they are primarily for logging. He said that to his knowledge, they are not receiving water well samples and also that in a lot of new developments, wells are being drilled after the houses have already been built.

A. Drought Update – Mr. Harrington said he has been asked if the drought is over. He reminded everyone that in 1916, in the middle of a drought, Oklahoma had the second highest rainfall amount. He did indicate that we will probably have the fifth wettest spring on record. However, he said there is a La Nina developing off the coast of Peru and that usually means there will be dry conditions in North America.

C. Legislation Update – Mr. Harrington said that out of forty water bills, three passed the legislature and were signed by the governor. He indicated that they were agriculture related.

VI. PROGRESS REPORT

There was no discussion of the Progress Report at the meeting.

VII. NEW BUSINESS

No new business was discussed at the meeting.

VIII. ADJOURNMENT

Director Poland made a motion to adjourn the meeting. Director Hopper seconded the motion and the meeting adjourned at 3:00 p.m.

MEMORANDUM

TO: Garber-Wellington Policy Committee
FROM: John M. Harrington, Division Director, Water Resources
DATE: June 28, 2007
SUBJECT Progress Report

Staff is attending the State Water Plan meetings with the Department of Commerce.

Staff is attending an EPA stormwater conference in Rogers, AR.

Staff is continuing the Thunderhead Hills geophysical field work. The final report is in preparation.

Staff reviewed Canadian River dissolved oxygen model and submitted another report (March 2007) for the expansion of the Mustang plant from 1.50 to 2.00 mgd.

Staff is reviewing surface water models for the Oklahoma City planning report to analyze options regarding future sites or increasing present capacities.