

PLEASE NOTIFY ACOG AT 234-2264 (TDD 234-2217) BY 5:00 JUNE 21
IF YOU DESIRE A SIGN-LANGUAGE INTERPRETER AT THE MEETING



*association of central oklahoma governments
Garber-Wellington Association*

Chair Marsha Jefferson
Spencer Mayor

Vice-Chair Sandra Gragg Naifeh
Edmond Mayor

Secretary/Treasurer John Brown
Piedmont Councilmember

Executive Director
Zach D. Taylor

AGENDA

**GARBER-WELLINGTON ASSOCIATION
POLICY COMMITTEE
June 24, 2004 (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 27, 2004 meeting.

IV. STAFF REPORT

A. The Thunderhead Hills Resistivity Project – Staff will discuss upcoming project focusing on salt-water contamination sites in northern Oklahoma County. ([Attachment IV](#)).

Action Requested: None. For information only.

B. The Annual Summer Forecast – Wetter than Normal

The annual peek into what's in store for us as we get into high water production season.

Action Requested: None. For information only.

V. PROGRESS REPORT ([Attachment V](#))

VI. NEW BUSINESS

VII. ADJOURNMENT

MINUTES

GARBER-WELLINGTON ASSOCIATION
POLICY COMMITTEE MEETING

May 27, 2004

The fourth regularly scheduled meeting of the Garber-Wellington Association Policy Committee for the calendar year 2004 was convened on May 27, 2004 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.

PRESIDINGCITY/AGENCY

Hon. Marsha Jefferson, Mayor

Spencer

POLICY COMMITTEE MEMBERS PRESENT

Hon. Bryan Taylor, Councilmember	Bethany
Hon. Dave Howe, Councilmember	Choctaw
Hon. Larry O'Connell, Councilmember	Del City
Hon. Lewis Pringle, Councilmember	Forest Park
Hon. Jon Gumerson, Mayor	Guthrie
Hon. Matt Elerick, Mayor	Jones
Hon. Bill Haddock, Councilmember	Lexington
Hon. Mark Sharpton, Commissioner	Logan County
Hon. Charles Joyner, Councilmember	Midwest City
Hon. Kathleen Moon, Councilmember	Mustang
Hon. Jim Pumphrey, Councilmember	Nicoma Park
Hon. David Hopper, Councilmember	Norman
Hon. Stan Inman, Commissioner	Oklahoma County
Hon. John Brown, Councilmember	Piedmont
Hon. Ron Bledsoe, Mayor	Slaughterville
Hon. Judith Ainsworth, Councilmember	Spencer
Hon. Larry Kesler, Councilmember	Union City
Hon. Chris Bernardy, Councilmember	The Village
Hon. Bob Bradway, Councilmember	Yukon

GUESTS PRESENT

Mary Murphey, Administrative Assistant	Logan County
Shenice Huff, Deputy City Clerk	Spencer
Hon. Tracy Pappé, Councilmember	Union City
Gina Dickerson, Clerk	Union City
Brittany Vickers, Visitor	Union City

ACOG STAFF PRESENT

POSITION

Zach D. Taylor	Executive Director
John M. Harrington	Division Director, Water Resources
Jane Sutter	Division Director, IGS
Debbie Cook	Director of Finance and Budget
John G. Johnson	Consultant
Don Bown	Consultant
Doug Rex	Assistant to the Executive Director
Jerry Church	Special Projects Officer
Kris Wright	Hydroelectrical Intern, Water Resources
Ellen Owens	Department Secretary, Water Resources

I. CALL TO ORDER

Acting Chairperson Marsha Jefferson called the meeting to order at 2:10 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 Brown made a motion to approve the minutes of the April 29, 2004 meeting. The motion was seconded by Director Bledsoe and carried with the following vote:

AYE: Jefferson, Taylor, Howe, O'Connell, Pringle, Gumerson, Elerick, Haddock, Sharpton, Joyner, Moon, Pumphrey, Hopper, Inman, Brown, Bledsoe, Ainsworth, Kesler, Bernardy, and Bradway

NAY: None

ABSTAIN: None

IV. ELECTION OF GWA OFFICERS

Mr. Taylor said the Nominations Committee met and made the following recommendations related to Garber-Wellington officers: Marsha Jefferson, Mayor of Spencer for Chairperson; Sandra Gragg Naifeh, Mayor of Edmond for Vice-Chairperson; John Brown, Councilmember from Piedmont for Secretary-Treasurer.

Director Bledsoe 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 Howe and carried with the following vote:

AYE: Jefferson, Taylor, Howe, O'Connell, Pringle, Gumerson, Elerick, Haddock, Sharpton, Joyner, Moon, Pumphrey, Hopper, Inman, Brown, Bledsoe, Ainsworth, Kesler, Bernardy, and Bradway

NAY: None

ABSTAIN: None

V. STAFF REPORT

A. ACOG Pathogen Study

John Harrington introduced Kris Wright, the ACOG intern who will be working on the pathogen study this summer and indicated that there will be 12 sites included in the study. He said all the states were told by the federal government to make a list of all water bodies that do not meet the state water quality criteria. This is in the form of a 303(d) list. He said there are 800 entries on the list and about one-fourth of them are for pathogens. Mr. Harrington indicated that most of the data on which the list is based is fairly historical data and could be as much as 25 years old. In the ACOG area, northern Oklahoma County and southern Logan County are being studied because there have been large amounts of urban growth in these watersheds. He said verification is needed that these streams are actually pathogen impaired. Sampling will be done at Cottonwood Creek, Deer Creek, Chisholm Creek, Spring Creek, and Opossum Creek until October 1st for pathogens as well as for turbidity.

Commission Sharpton asked what turbidity was. Mr. Harrington said turbidity usually happens when there are large amounts of construction occurring in a watershed. He said that he has been sampling Spring Creek on a monthly basis for the last six years and when he first started there, his legs would sink in soft sand because the construction activity in eastern Edmond at that time was flowing into the Creek. He said he now walks on bedrock when he samples there because of the lack of construction activity. Mr. Harrington said the study is being done to get a picture of what is happening right now and whether or not these

streams should be on the 303(d) list. If the streams do meet water quality standards, then a request can be made that the state take them off the 303(d) list. If they do not meet those standards, eventually a Total Maximum Daily Load (TMDL) analysis will be done to determine best management practices to implement along the creeks.

Mr. Harrington also said the analysis should indicate how much is non-point source versus point source. It might be there is pathogen impairment due to the fact there are some mobile home parks that haven't been putting their load in a treatable storage area.

John Brown said some of the creeks that are drained are fairly large areas. He said that Deer Creek drains a very large area in western Oklahoma County and part Canadian County. Mr. Harrington said they are concentrating on the segments that have been designated as impaired and that they usually want to have one sample site for every three to four miles.

Mr. Hopper said his city council recently dealt with the TMDL debate. He said there were some questions about hormonal drugs ending up in the water and asked if this was an issue to worry about. Mr. Harrington said that more pharmaceuticals are being taken now and they are making it to the sewer plant, but not very much is known about their affect upon the biological systems around the effluent site.

Mr. Hopper said the council also talked about non-point source pollution. Mr. Harrington said from a pathogen point of view, there are certain methodologies that are being built right now to show whether or not it is a point source or non-point source. However, one of the problems with the sampling methodology that we have had previously is that sampling is only done where we took a flow analysis.

B. Legislative Issues

Mr. Taylor commented that he met with the Director of the Water Resources Board in regard to Senate Bill 903 (Oklahoma Water Resources Development Plan). He said that this legislation is to create a framework to carry out planning in the state of Oklahoma in order to develop a new water resources plan. He indicated that the funding for implementing the legislation was going to come from the higher education bond issue. However, that does not appear to be the case at the present time, therefore, the Bill will die. The Director of the Water Resources Board said there are simply too many plans on how to solve the State's water problems to get a consensus on what needs to be done. Mr. Taylor said he is concerned that this issue is not in a positive mode for this session and may not be for the near term. The farmers union and the farmer's bureau were significantly opposed to everything that was proposed.

Mr. Harrington commented that the North Canadian River from Lake Overholser to the Eastern Street Bridge has now been officially designated as the Oklahoma River.

VI. Progress Report

There was no discussion of the Progress Report.

VII. New Business

No new business was discussed at the meeting.

VIII. Adjournment

A motion was made to adjourn the meeting and the meeting adjourned at 2:30 p.m.

MEMORANDUM

TO: Zach D. Taylor, Garber-Wellington Policy Committee

FROM: John M. Harrington, Division Director, Water Resources Division

DATE: June 24, 2004

SUBJECT: Salt Water Contamination Mapping In Oklahoma County

Central Oklahoma has a history of oil and gas exploration dating back nearly eighty years. As the population of central Oklahoma increases, commercial and residential development of what once were areas of petroleum extraction will not only increase, but also accelerate. Most of the formerly rural areas with abandoned oil and gas facilities now are fast becoming residential areas with domestic water wells.

The occasional legacy of the petroleum industry of fifty years ago is now being discovered as areas of salt-water contamination. The Association of Central Oklahoma Governments (ACOG) has tracked for over a decade reports of high chlorides and total dissolved solids in areas normally assumed to be fresh water zones in the aquifer. Efforts to delineate the salt contamination and identify the sources are occasional at best and nonexistent as a rule.

The purpose of this particular project is to delineate fully the extent of the salt-water contamination at the Thunderhead Hills site in Edmond, Oklahoma and to identify the source of the contamination. This project is part of a larger effort to delineate several other sites in northern Oklahoma County as time and funds allow. The data will then be used to apply for Brownfields funding. The Brownfields funding will focus on mitigation and restoration of groundwater in Thunderhead Hills, and if impacted, the surface water in Spring Creek.

The resistivity data collection activities are a segment of a larger project (FY 2002 319(h) Project 8: Assessment of Oil Field Activities, Non-point Source Pollution and Water Quality in the Spring Creek Watershed and the City of Edmond Municipal Well Field). Please refer to that QAPP for the procedures covering the geochemical data acquisition.

MEMORANDUM

TO: Garber-Wellington Policy Committee
FROM: John M. Harrington, Division Director, Water Resources Division
DATE: June 24, 2004
SUBJECT: Progress Report

Staff site-reviewed pathogen sampling sites in pathogen study area.

Staff participated and attended the nonpoint source conference in Oklahoma City.

Staff produced a quality assurance project plan for the resistivity survey in Thunderhead Hills.

The pathogen study on the North Canadian River ended on October 1. Evaluation of data is in progress. Draft data report sent to DEQ on March 12. Comments received April 12. Analysis of data using cumulative frequency analysis in progress.

The Thunderhead Hills project has been included in a larger program headed by the Groundwater Protection Council focusing on saltwater contamination sites in northern Oklahoma County. Funding for the program was approved from the Oklahoma Conservation Commission. OSE and EPA reviewed study April 13. Quality Assurance Project Plan (QAPP) due May 30. Staff is waiting on final funding approval.

Phase I arsenic study is underway – geochemical modeling phase is progressing and stratigraphic cross-sections are being drafted.