



*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
August 16, 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 June 28, 2007 meeting.

- IV. STAFF REPORT

State Water Plan - The recently initiated update of the Oklahoma Comprehensive Water Plan represents a crucial shift in the state's historical approach to water planning. The first phase of the OCWP update is focusing on development of water demand projections by county and region through forecast year 2060 as well as a comprehensive inventory and analysis of the state's water supplies. Coinciding with this effort is the initiation of an extensive public participation program.

As a regional planning body, ACOG and the Garber-Wellington Association should take this opportunity as a group to address concerns and suggestions to this water planning process. A formal position letter to the OWRB will be drafted in the near future regarding our thoughts.

Action Requested: Suggestions and comments to be incorporated in the position paper.

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

MINUTES

GARBER-WELLINGTON ASSOCIATION
POLICY COMMITTEE MEETING

June 28, 2007

The sixth regularly scheduled meeting of the Garber-Wellington Association Policy Committee for the calendar year 2007 was convened on June 28, 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

Hon. John Brown, Councilmember

CITY/AGENCY

Piedmont

POLICY COMMITTEE PRESENT

Hon. Grant Hedrick, Jr., Commissioner	Canadian County
Hon. Roger Malone, Councilmember	Choctaw
Hon. Ken Bartlett, Councilmember	Del City
Hon. Dan O'Neil, Mayor	Edmond
Hon. Julie Rozsypal, Councilmember	El Reno
Hon. Marianne Yarbrough, Trustee	Forest Park
Hon. Bill Lisby, Councilmember	Harrah
Hon. Ray Poland, Councilmember	Jones City
Hon. Mark Sharpton, Commissioner	Logan County
Hon. Margaret Graham, Councilmember	Luther
Hon. Russell Smith, Mayor	Midwest City
Hon. Kathy McMillan, Councilmember	Moore
Hon. Kathy Walker, Councilmember	Nichols Hills
Hon. Jim Pumphrey, Mayor	Nicoma Park
Hon. David Hopper, Councilmember	Norman
Hon. Sam Bowman, Councilmember	Oklahoma City
Hon. Willa Johnson, Councilmember	Oklahoma City
Hon. Linda Simpson, Commissioner	Oklahoma County

GUESTS

Dave Howe, Chair of Joint Land Use Study & Citizen	Choctaw
Mark Edwards, City Manager	Del City
Judy Gordon, Economic & Community Dev. Director	Del City

Tom Leatherbee, Planner
Earl Burson, City Manager
Joe Blough, Deputy Commissioner
Bill Dalke, Community Planner

Del City
Harrah
District 1, Oklahoma County
Tinker AFB

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
Doug Rex	Division Director, TPDS
Jerry Church	Communications Program Coordinator, IGS
Ellen Owens	Division Secretary, Water Resources

I. CALL TO ORDER

Director Brown 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 Pumphrey made a motion to approve the minutes of the May 31, 2007 meeting. Director Sharpton seconded the motion and the motion carried with the following vote:

AYE: Brown, Hedrick, Malone, Bartlett, O'Neil, Rozsypal, Yarbrough, Lisby, Poland, Sharpton, Graham, Smith, McMillan, Walker, Pumphrey, Hopper, Johnson, and Simpson

NAY: None

ABSTAIN: None

IV. STAFF REPORT

John Harrington informed the Committee that Oklahoma City requested a review of the surface water modeling program that has been done over the last twenty years. He commented that he has been focusing on the impact that wastewater treatment plants have had on major water bodies, such as the North Canadian River, the Canadian River, Cottonwood Creek, and the Cimarron River. He said the review is to determine if plant capacity can be improved, and, if so, how much and if a consolidation of facilities might be helpful.

Mr. Harrington displayed a map of the water bodies and the plants that were reviewed. He commented that dissolved oxygen (DO) is the basic thing to study when conducting water quality modeling because DO essentially runs everything in the ecosystem. He said that most of the water bodies in central Oklahoma are warm water aquatic communities and this means that in the spring there should be a DO content of six, and every other season should have a DO content of five.

Mr. Harrington said the models are very conservative, which means that the plant is discharging at full capacity and is also discharging a seven-day, two-year low flow (7Q2). He said that statistically, we are looking for a period of time every two years where there is a minimum flow during those seven days and this is usually an indication that it will be a dry summer. Mr. Harrington pointed out the Oklahoma City northside plant above Jones on the North Canadian River, indicating that plant is generating a DO of about seven during the winter and spring and a little under that in the summer. He indicated that currently, it is attaining its Water Quality Standard very well.

Mr. Harrington went on to discuss the situation at Cow Creek in the City of Moore. He said that there are two sewage treatment plants within a mile of each other that could be consolidated. He also said that they are discharging into tributaries that have at the most, one cubic foot per second of flow to dilute the effluent, when they could have a pipeline three miles long and discharge into the Canadian River, which has three times as much flow to dilute the effluent. The Cow Creek Plant can generate 5-1/2 DO, but during spring it can generate 6-1/2 DO.

Director Pumphrey asked what percentage is being discharged into Cow Creek and what percentage to CoGent. Mr. Harrington replied that he did not know the division on that, but assumed it was all discharging into Cow Creek. He said that if we upgrade at Cow Creek and put a pipeline in, we can practically double the capacity and that would possibly take care of Oklahoma City on the southside and Moore.

Mr. Harrington displayed a chart of DO along the Canadian River between the Oklahoma City plant and the Noble plant, which is about 40 miles of stream. He said the effluent from the Oklahoma City plant would reduce the DO by about one milligram and the river would then start to recover. The creek that Moore discharges into enters into the Canadian River and the DO would be reduced by about 1/2 milligram. Mr. Harrington said that Moore has to have a more stringent permit because they are getting poorer water quality to begin with since they are still in the DO sag from Oklahoma City. He said that gives an indication that consolidation is a good idea.

Mr. Harrington remarked that the bottom line is that the water quality standards are stringent enough already and improving on that will probably be too much. He said a 20 mile pipeline from Oklahoma City to the Cimarron River would handle all of central Oklahoma for several decades, but it would cost about \$1 million per mile to do this. He said the 7Q2 for the North Canadian River and the Canadian River is generally about three or four cubic feet per second. The Cimarron River is about 55 cubic feet per second.

Director Brown made the comment that the scope of the Garber-Wellington has expanded so much lately and asked if any consideration has been given to changing the name of the Board in order to broaden that scope. Mr. Taylor replied in the affirmative. Director Brown said he felt that this Board should be more of a central Oklahoma water quality board.

V. PROGRESS REPORT

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

VI. NEW BUSINESS

Mr. Harrington mentioned that the Water Resources Board and the Water Research Institute are in the process of making the State Comprehensive Water Plan. He said there have been several town hall meetings and that the next meeting is scheduled for July 12, 2007 at the Oklahoma County Extension offices. He indicated there is another one scheduled for July 19, 2007 at the Cleveland County Fairgrounds offices. He said that these meetings are very important because your input into water issues is being requested.

VII. ADJOURNMENT

Director Brown made a motion to adjourn the meeting. Director Pumphrey seconded the motion and the meeting adjourned at 2:55 p.m.

MEMORANDUM

TO: Garber-Wellington Policy Committee
FROM: John M. Harrington, Division Director, Water Resources
DATE: August 16, 2007
SUBJECT: Progress Report

The Thunderhead Hills geophysical field work is finished (for now). The final draft report has been sent to EPA and is posted on the ACOG website.

The Nitrate loading research project is commencing; databases being updated and acquired.

Workplans for new 604(b) projects drafted and submitted to OSE and EPA.

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