



GARBER-WELLINGTON ASSOCIATION **POLICY COMMITTEE**

Chair
Vacant

Vice-Chair
Ray Poland
Jones City Mayor

Secretary/Treasurer
Vacant

Executive Director
Mark W. Sweeney, AICP

association of central oklahoma governments

4205 N. Lincoln Blvd. | Oklahoma City, OK 73105 | 405.234.2264 | acogok.org

GWPC AGENDA:
THURSDAY, JUNE 24, 2021, 2:30 P.M.



acog

THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE WILL HOLD A REGULAR **IN-PERSON** MEETING ON THURSDAY, JUNE 24, IN THE ACOG BOARD ROOM, 4205 N. LINCOLN BLVD., OKLAHOMA CITY, OKLAHOMA.

PLEASE NOTIFY ACOG AT 405-234-2264 (TDD/TTY CALL 7-1-1 STATEWIDE) BY 5 P.M. MONDAY, JUNE 21, IF YOU REQUIRE ACCOMMODATIONS PURSUANT TO THE AMERICANS WITH DISABILITIES ACT OR SECTION 504 OF THE REHABILITATION ACT.

AGENDA

1. CALL TO ORDER ([ATTACHMENT 1](#))
2. APPROVAL OF APRIL 29, 2021, MINUTES ([ATTACHMENT 2](#))
3. **STAFF REPORT:** John Harrington, Water Resources Director
For information only.
 - A. CITY OF YUKON WATER QUALITY MODELING ([ATTACHMENT 3-A](#))
 - B. TINKER AFB RESTORATION ADVISORY BOARD - PERFLUOROOCTANE SULFONATE UPDATE ([ATTACHMENT 3-B](#))
 - C. DROUGHT UPDATE ([ATTACHMENT 3-C](#))
4. **PROGRESS REPORT:** John Harrington, Water Resources Director
([ATTACHMENT 4](#)) *For information only.*
5. NEW BUSINESS
6. ADJOURNMENT

NEXT MEETING:

August 26, 2021 at 2:30 p.m.

ATTACHMENT 1

GARBER-WELLINGTON POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
BETHANY	Hon. Nikki Lloyd, Mayor	Hon. Chris Powell, Vice-Mayor
		Hon. Kathy Larsen, Councilmember
CALUMET	Hon. Daniel Tatro, Trustee	Hon. Bruce Wallace, Mayor
CHOCTAW	Hon. Chad Williams, Councilmember	Hon. Jeannie Abts, Councilmember
DEL CITY	Hon. Floyd Eason, Mayor	Hon. Pam Finch, Councilmember
		Hon. Michael Dean, Councilmember
EDMOND	Hon. Josh Moore, Councilmember	Hon. Darrell Davis, Mayor
EL RENO	Hon. Matt White, Mayor	Hon. Tim Robinson, Councilmember
FOREST PARK	Vacant	Vacant
GEARY	Vacant	Hon. Tabbitha Kiener, Councilmember
		Hon. Bobby Allen, Mayor
GOLDSBY	Hon. Glenn Berglan, Mayor	Hon. Russ McReynolds, Trustee
		Hon. Susan Boehrer, Trustee
GUTHRIE	Hon. Steven J. Gentling, Mayor	Hon. Jeff Taylor, Councilmember
HARRAH	Hon. Chris Lally, Councilmember	Hon. Tom Barron, Councilmember
JONES CITY	Hon. Ray Poland, Mayor	Vacant
LANGSTON CITY	Vacant	Hon. Magnus Scott, Trustee
		Hon. Linda Williams, Trustee
LEXINGTON	Hon. Mike Donovan, Councilman	Hon. Max Punneo, Vice-Mayor
LUTHER	Hon. William T. Arps, Mayor	Hon. Joshua Rowton, Trustee
		Hon. Carla Caruthers, Trustee
MIDWEST CITY	Hon. Matt Dukes, Mayor	Hon. Pat Byrne, Councilmember
		Hon. Christine Allen, Councilmember
MOORE	Hon. Mark Hamm, Councilmember	Hon. Glenn Lewis, Mayor
		Any Moore Councilmember
MUSTANG	Hon. Brian Grider, Mayor	Hon. Michael Ray, Councilmember

CITY/ORGANIZATION	MEMBERS	ALTERNATES
NICHOLS HILLS	Hon. Peter Hoffman, Councilmember	Vacant
NICOMA PARK	Hon. Mark Cochell, Mayor	Hon. Mike Czerczyk, Vice-Mayor
NOBLE	Hon. Phil Freeman, Mayor	Hon. Ezra Roesler, Vice-Mayor
		Hon. Gary Hicks, Councilmember
NORMAN	Hon. Breea Clark, Mayor	Hon. Stephen Holman, Councilmember
OKARCHE	Hon. Joe Frisby, Trustee	Hon. Jeff Sadler, Trustee
OKLAHOMA CITY	Hon. Todd Sloan, Councilmember	Any Oklahoma City Councilmember
PIEDMONT	Hon. Kevan Blasdel, Councilmember	Hon. Melissa Ashford, Councilmember
		Hon. Austin Redus, Councilmember
SLAUGHTERVILLE	Hon. Valerie Stockton, Trustee	Hon. Steve Eason, Mayor
SPENCER	Hon. Frank Calvin, Mayor	Hon. Jim Scanlan, Vice-Mayor
		Hon. Renita Fair, Councilmember
THE VILLAGE	Hon. Cathy Cummings, Councilmember	Hon. Sonny Wilkinson, Mayor
		Hon. Adam Graham, Vice-Mayor
TUTTLE	Hon. Mary Smith, Vice-Mayor	Hon. Austin Hughes, Councilmember
UNION CITY	Hon. Charlie Ross, Vice-Mayor/Trustee	Hon. Bob McGregor, Trustee
WARR ACRES	Hon. Jim Mickley, Mayor	Hon. Roger Godwin, Councilmember
		Hon. John Knipp, Councilmember
		Unnamed
YUKON	Hon. Shelli Selby, Mayor	Hon. Rick Cacini, Councilmember
CANADIAN COUNTY	Hon. Marc Hader, Commissioner	Hon. Jack Stewart, Commissioner
		Hon. David Anderson, Commissioner
CLEVELAND COUNTY	Hon. Rod Cleveland, Commissioner	Hon. Darry Stacy, Commissioner
		Hon. Harold Haralson, Commissioner
LOGAN COUNTY	Hon. Kody Ellis, Commissioner	Hon. Marven Goodman, Commissioner
		Hon. Monty Piearcy, Commissioner
OKLAHOMA COUNTY	Hon. Carrie Blumert, Commissioner	Hon. Brian Maughan, Commissioner
		Hon. Kevin Calvey, Commissioner

ATTACHMENT 2

SUBJECT:

MINUTES OF THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE MEETING

DATE:

APRIL 29, 2021

The combination In-Person and Call-In regularly scheduled meeting of the Garber-Wellington Association Policy Committee was convened at 4:00 p.m. on April 29, 2021 in the Oklahoma County Ballroom (behind the Association of Central Oklahoma Governments (ACOG) Board Room), 4205 N. Lincoln Boulevard, Oklahoma City, Oklahoma. The meeting was held as indicated by a notice filed in advance with the Oklahoma County Clerk and by notice posted at the ACOG offices at least twenty-four hours prior to the meeting.

PRESIDING

Hon. Ray Poland, Vice-Chair

CITY/AGENCY

Jones City

POLICY COMMITTEE MEMBERS PRESENT IN-PERSON

Hon. Chris Powell, Councilmember
Hon. Josh Moore, Councilmember
Hon. Steven J. Gentling, Mayor
Hon. Chris Lally, Mayor
Hon. Terry Arps, Mayor
Hon. Mark Hamm, Councilmember
Hon. Ken Blasdel, Councilmember
Hon. David Bennett, Mayor
Hon. Marc Hader, Commissioner

Bethany
Edmond
Guthrie
Harrah
Luther
Moore
Piedmont
The Village
Canadian County

POLICY COMMITTEE MEMBERS PRESENT CALL-IN

POLICY COMMITTEE MEMBERS ABSENT

Hon. Bruce Wallace, Trustee
Hon. Roger Malone, Vice-Mayor
Hon. Floyd Eason, Mayor
Hon. Matt White, Mayor
Vacant
Hon. Warren G. Carter, Councilmember
Hon. Glenn Berglan, Mayor
Hon. Sheila Stevenson, Mayor
Hon. Mike Donovan, Councilmember
Hon. Matt Dukes, Mayor
Hon. Brian Grider, Vice-Mayor
Hon. Peter Hoffman, Vice-Mayor
Hon. Brian Foughty, Mayor
Hon. Marjorie Hill, Councilmember
Hon. Breea Clark, Mayor
Hon. Joe Frisby, Trustee
Hon. Todd Sloan, Councilmember
Hon. Ronnie Fulks, Trustee
Hon. Frank Calvin, Mayor
Hon. Mary Smith, Vice-Mayor

Calumet
Choctaw
Del City
El Reno
Forest Park
Geary
Goldsby
Langston City
Lexington
Midwest City
Mustang
Nichols Hills
Nicoma Park
Noble
Norman
Okarche
Oklahoma City
Slaughterville
Spencer
Tuttle

POLICY COMMITTEE MEMBERS ABSENT (continued)

Hon. Charlie Ross, Vice-Mayor
Hon. Jim Mickley, Mayor
Hon. Shelli Selby, Mayor
Hon. Rod Cleveland, Commissioner
Hon. Kody Ellis, Commissioner
Hon. Carrie Blumert, Commissioner

CITY/AGENCY

Union City
Warr Acres
Yukon
Cleveland County
Logan County
Oklahoma County

GUESTS

Pete White

POSITION

ACOG Attorney

STAFF

Mark W. Sweeney
John M. Sharp
Beverly Garner
John Harrington
Anita Kroth
Brent L. Hawkinson
Eric Pollard
Jimmy Smith

POSITION

Executive Director
Deputy Director
Executive Assistant
Water Resources Director
Administrative Assistant
911 & Public Safety Director
Air Quality & Clean Cities Coordinator
IT Operations Specialist

1. CALL TO ORDER

Vice-Chair Ray Poland called the meeting to order at 4:00 p.m.

2. APPROVAL OF MINUTES - FEBRUARY 25, 2021

Director Mark Hamm, Moore, made a motion to approve the February 25, 2021, Garber-Wellington Association Policy Committee minutes. Director Steven Gentling, Guthrie, seconded the motion. The motion carried unanimously.

3. STAFF REPORT**A. SANDSTONE MAPPING UPDATE**

As part of a 604(b) grant, staff is continuing and extending net sand maps originally created as part of a drilling project with the City of Norman. This effort will allow drillers to focus their efforts in areas with more sandstone, thus increasing well capacity.

Work commenced in March 2020. We are now entering the second phase of the project (19604(b) grant), which will focus on northern Oklahoma County. This will include the municipal well fields of Nichols Hills and Edmond and will (hopefully) extend a nice sand trend found near the towns of Choctaw and Jones.

The project will be essentially identical in nature to the previous effort - eight structural cross-sections made through the northern part of Oklahoma County. These sections incorporate geophysical well logs along the strike and dip of the Garber sandstone. Approximately 120 well logs will be utilized in creating eight net sand maps on different intervals.

The 18604(b) report has undergone peer review and the final draft is waiting to be approved by EPA.

B. DROUGHT UPDATE

A year ago, the extent of drought nationally was 14%. Now the extent of drought nationally is 45%. The state of Oklahoma is on the very edge of a drought area that covers most of the southwest United States.

Forecasters now predict that we will have a weak La Niña that may go neutral this summer, then return fall 2021. La Niñas set up dry conditions that can lead into drought. A La Niña in late 2010 set up the conditions for the drought of 2010-12. A persistent La Nina could keep the jet stream to the north of Oklahoma and repeat the events of the last drought.

Accumulated recharge is a bit ahead of normal this year due to a large January recharge event. However, May and June are critical months - recharge was essentially nonexistent in spring 2020.

C. LEGISLATIVE UPDATE 2021

So far, 24 bills have been filed for the 2021 session. Thirteen are shell bills. In a drought year, over 40 bills would have been filed. Some bills of interest:

- HB 1878 allows the North Canadian River to be renamed “Oklahoma River” for economic development purposes. This affects the river only in Oklahoma County. The bill passed the House 76-14. The bill passed the Senate Business, Commerce and Tourism Committee 9-3.
- HB 1093 modifies the Water Quality Standards to permit the development of watershed trading programs. Trading can produce substantial cost savings while meeting the same water quality goal. It may also offer greater flexibility on the timing and level of technology a facility might install. HB 1093 passed the House 79-8. HB 1098 passed Senate 46-1.
- HB 2330 restricts drilling of industrial and domestic wells to within a 600-foot distance of the boundary of dedicated or platted land of the municipality. The bill passed the House 96-0 and passed the Senate Energy Committee 10-0.
- SB109 requires instream flow studies on certain rivers east of Interstate 35. The Little River in Cleveland County is one of the streams listed. Lake Thunderbird dams the Little River. The bill died in committee.

4. PROGRESS REPORT

Vice-Chair Ray Poland pointed out that the progress report was available for review in the agenda.

5. NEW BUSINESS

None

6. ADJOURNMENT

There being no further business, the meeting was adjourned at 4:11 p.m.

ATTACHMENT 3-A

SUBJECT:

CITY OF YUKON WATER QUALITY MODELING

DATE:

JUNE 24, 2021

FROM:

JOHN HARRINGTON

Water Resources Director

INFORMATION:

Under federal law, regulated discharges such as those associated with sewage treatment plants must be reviewed by the 208 agency for that area. ACOG is the 208 agency for the four-county area of Logan, Canadian, Cleveland, and Oklahoma Counties.

Expansions to the City of Yukon wastewater treatment plant necessitate an update to the LaQual Water Quality Model done by ACOG in 2005. Streamflow characteristics measured at the USGS station at the Highway 4 bridge show distinct changes in the flow of the North Canadian River, possibly the result of no-till agricultural practices in the watershed.

The river will be resampled for various chemical parameters and flow and a new water model will be generated to determine discharge chemistry for the treatment plant. Contract engineers hired by the City of Yukon will do the sampling and the modeling; ACOG and ODEQ will review the model.

ACTION REQUESTED:

For information only.

ATTACHMENT 3-B

SUBJECT:

TINKER AFB RESTORATION ADVISORY BOARD – PERFLUOROOCTANE SULFONATE UPDATE

DATE:

JUNE 24, 2021

FROM:

JOHN HARRINGTON

Water Resources Director

INFORMATION:

The U.S. Air Force began using Aqueous Film Forming Foam (AFFF) in the 1970's as a firefighting agent. In 2009, the EPA began issuing provisional Health Advisories for compounds in the AFFF, specifically perfluorooctane sulfonate (PFO) and perfluorooctanoic acid (PFOA). These are emergent contaminants on the federal advisory list. Regulatory standards are still evolving for these contaminants.

This past winter Tinker Air Force Base personnel surveyed sites where these contaminants might be in the groundwater. Because there may be pathways to drinking sources outside of the base (specifically groundwater), an offsite investigation strategy was also created.

The offsite sampling results indicate some offsite sites just east of the base. Ongoing investigation is in the process of determining if groundwater flow in this area goes onto the base or off the base.

ACTION REQUESTED:

For information only.

ATTACHMENT 3-C

SUBJECT:
DROUGHT UPDATE

DATE:
JUNE 24, 2021

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:
The Climate Prediction Center's (CPC) June and summer 2021 outlooks predicted that drought would be all but erased from the state. Moisture from storms in the Gulf of Mexico is expected to move north into Oklahoma, bringing the current drought situation to an end.

However, recharge to the aquifer for May was underwhelming. Even with a solid rainfall, the recharge was only 21% of the average for the month. This is because a lot of that rain came down in a very short period rather than a nice long soak. And even though it was a bit of a cold May, the evaporation rate is becoming an issue now. So cumulative recharge for the year right now is average.

ACTION REQUESTED:
For information only.

ATTACHMENT 4

SUBJECT:
PROGRESS REPORT

DATE:
JUNE 24, 2021

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

ACOG Drought Program

Oklahoma is now experiencing a much different climate than in the 1980-90 decades. We are going back to the more severe dry/wet cycles seen in the 1950-60 era. Static water levels have finally returned to pre-drought levels seen in 2010, ending a nine and a half-year cycle of groundwater drought.

The progress of drought in Oklahoma has progressed significantly over the past weeks. The Climate Prediction Center's (CPC) June and summer 2021 outlooks predicted that drought would be all but erased from the state. Moisture from storms in the Gulf of Mexico is expected to move north into Oklahoma, bringing the current drought situation to an end.

However, recharge to the aquifer for May was underwhelming. Even with a solid rainfall, the recharge was only 21% of the average for the month. This is because a lot of that rain came down in a very short period rather than a nice long soak. And even though it was a bit of a cold May, the evaporation rate is becoming an issue now. So cumulative recharge for the year right now is average.

Since the last progress report, two monthly drought reports have been generated.

18604(b) - Stratigraphic Mapping Garber-Wellington Aquifer Oklahoma County

As part of a 604(b) grant, staff is continuing and extending net sand maps originally created as part of a drilling project with the City of Norman. This effort will allow drillers to focus their efforts in areas with more sandstone, thus increasing well capacity.

Work commenced in March 2020. Draft report has been peer reviewed by EPA and OWRB. Final report has been accepted by EPA.

19604(b) - Stratigraphic Mapping Garber-Wellington Aquifer Southern Logan County

As part of a 604(b) grant, staff will continue and extend net sand maps created in the 18604(b) project into northern Oklahoma County. This effort will allow drillers to focus their efforts in areas with more sandstone, thus increasing well capacity.

Work on the 19604(b) project started in April 2021. Forty-five well logs have been correlated and three cross-sections have been constructed.

20604(b) - Stratigraphic Mapping Garber-Wellington Aquifer Southern Logan County

As part of a 604(b) grant, staff will continue and extend net sand maps created in the 18604(b) and 19604(b) projects into southern Logan County and southern Cleveland County. This effort will allow drillers to focus their efforts in areas with more sandstone, thus increasing well capacity.

The Quality Assurance Program Plan was completed in April 2021. It has been submitted to EPA for review.

21604(b) - Geologic Modeling GW Aquifer

The FY18-20 604(b) mapping projects produced cross-sections and net sand isopach maps for most of the aquifer. These mapping programs utilized the Aquaveo GMS database structure, which integrates the GIS capabilities of ArcGIS with MODFLOW. To achieve an aquifer-wide database coverage and geologic model, additional data from the 2016 Norman area project must be integrated into the GMS database structure. A geologic model for the entire aquifer will then be produced which can then be integrated into the groundwater models produced by the 2013-16 604(b) projects.

ACTION REQUESTED:

For information only.