Combination Virtual & In-Person Meeting

AGENDA - Thursday, May 28, 2020 at 2:30 p.m.

Please follow the instructions below to virtually join the May 28 meeting of the GWPC.

If you have the GoToMeeting application, please click this link to join the meeting:
https://www.gotomeet.me/ACOGBoardRoom/gwpc

Then click “Open Go To Opener” button.
This application is available on your computer, tablet, or smartphone.

You can also join us from your phone.
(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (224) 501-3412
One-touch: tel:+12245013412,,578297565#
Access Code: 578-297-565

If you do not have the GoToMeeting application.
Download the application now to install and be ready when your first meeting starts:
https://global.gotomeeting.com/install/578297565

The GWPC meeting will be held at the physical location of 4205 N. Lincoln Blvd., Oklahoma City, OK.
Due to the COVID-19 health emergency, the building is closed to the public.

In attendance at the physical location will be GWPC officers John Brown, Chair, Kim Bishop, Vice-Chair, and Ray Poland, Secretary/Treasurer, and GWPC members: Matt Dukes, Steven J. Gentling, David Bennett, Mark Hamm, Rod Cleveland, Roger Malone, Rick Cacini, Floyd Eason, Chris Powell, Marc Hader, Josh Moore, and Jenni White.

The public is invited to also join the meeting via video/teleconference.

To virtually attend the meeting, access the meeting by joining via the web link above.

The phones will remain live during the entire meeting for voting with the ability to ask questions and make comments, through the chat option or by contacting the conference organizer by text at 405-760-5913 or by email at conference@acogok.org. If you join the meeting by phone, please refrain from using speaker phone option during the meeting to reduce feedback.
GWPC members are asked to sign in with their **Municipality first, then last name** for roll call and determining a quorum. If you have headphones, please wear them during the meeting to reduce feedback. During the meeting if you need to recuse yourself, please do so using the Chat option in GoToMeeting or by texting the meeting organizer at 405-760-5913 or by email: conference@acogok.org.

Agenda items requiring action will be recorded by voice or write in vote. Once a motion is made and seconded, the Chairman will ask for a vote. The motion will be displayed in the Chat section of GoTo Meeting; please type in “Yay” or “Nay.” If you are joining by telephone only, please text your vote to 405-760-5913 or email to conference@acogok.org.

If you have technical difficulties with the virtual meeting, please text 405-436-6261 and explain your current situation.

If we experience technical difficulties, ACOG staff will attempt to restore communications for a maximum of 30 minutes: if communications cannot be restored, then the meeting will convene at another date and time to be announced. During technical difficulties, you may have to reconnect.

**Please be aware the ACOG BOD meeting may run past 2:30 p.m. Please pay close attention to the CHAT bubble for updates on when the GWPC meeting will begin.**
AGENDA: THURSDAY, MAY 28, 2020, 2:30 P.M.

GWPC
GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

Chair
John Brown
Piedmont Councilmember

Vice-Chair
Kim Bishop
Harrah, Vice-Mayor

Secretary/Treasurer
Ray Poland
Jones City, Mayor

Executive Director
Mark W. Sweeney, AICP

association of central oklahoma governments
4205 N. Lincoln Blvd. | Oklahoma City, OK 73105 | 405.234.2264 | Fax: 234.2200 | acogok.org
AGENDA

1. CALL TO ORDER (ATTACHMENT 1) (Roll Call)

2. APPROVAL OF FEBRUARY 27, 2020 MINUTES (ATTACHMENT 2)

3. STAFF REPORT - John Harrington, Water Resources Director
   For information only.
   
   A. Stratigraphic Mapping Garber-Wellington Aquifer Oklahoma County
      (ATTACHMENT 3-A)
   
   B. Drought Update (ATTACHMENT 3-B)

   C. Legislative Update May 2020 (ATTACHMENT 3-C)

4. PROGRESS REPORT - John Harrington, Water Resources Director
   (ATTACHMENT 4) For information only.

5. NEW BUSINESS

6. ADJOURNMENT

NEXT MEETING:
June 25, 2020 at 2:30 p.m.
# ATTACHMENT 1

## GARBER-WELLINGTON POLICY COMMITTEE

<table>
<thead>
<tr>
<th>CITY/ORGANIZATION</th>
<th>MEMBERS</th>
<th>ALTERNATES</th>
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<tr>
<td>BETHANY</td>
<td>Hon. Chris Powell, Councilmember</td>
<td>Hon. Kathy Larsen, Councilmember</td>
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<td>Hon. K.P. Westmoreland, Mayor</td>
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<td>CALUMET</td>
<td>Hon. Robert B. Wallace, Trustee</td>
<td>Hon. Steve Snow, Trustee</td>
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<td>CHOCTAW</td>
<td>Hon. Mike Birdsong, Councilmember</td>
<td>Hon. Roger Malone, Vice-Mayor</td>
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<td>DEL CITY</td>
<td>Hon. Floyd Eason, Mayor</td>
<td>Hon. Pam Finch, Councilmember</td>
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<td>Hon. Michael Dean, Councilmember</td>
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<td>EDMOND</td>
<td>Hon. Josh Moore, Councilmember</td>
<td>Hon. Daniel P. O’Neil, Mayor</td>
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<td>EL RENO</td>
<td>Hon. Matt White, Mayor</td>
<td>Hon. Tim Robinson, Councilmember</td>
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<td>FOREST PARK</td>
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<td>GEARY</td>
<td>Hon. Warren G. Carter, Councilmember</td>
<td>Hon. Tabbitha Kiener, Councilmember</td>
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<td>Hon. Bobby Allen, Mayor</td>
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<td>GUTHRIE</td>
<td>Hon. Steven J. Gentling, Mayor</td>
<td>Hon. Jeff Taylor, Councilmember</td>
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<td>HARRAH</td>
<td>Hon. Kim Bishop, Vice-Mayor</td>
<td>Hon. Tom Barron, Councilmember</td>
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<td>JONES CITY</td>
<td>Hon. Ray Poland, Mayor</td>
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<td>LANGSTON CITY</td>
<td>Hon. Sheila Stevenson, Mayor</td>
<td>Hon. Magnus Scott, Trustee</td>
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<td>Hon. Linda Williams, Trustee</td>
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<td>LEXINGTON</td>
<td>Hon. Max Punneo, Vice-Mayor</td>
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<td>LUTHER</td>
<td>Hon. Jenni White, Mayor</td>
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<td>MIDWEST CITY</td>
<td>Hon. Matt Dukes, Mayor</td>
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<td>Hon. Christine Allen, Councilmember</td>
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<td>MOORE</td>
<td>Hon. Mark Hamm, Councilmember</td>
<td>Hon. Glenn Lewis, Mayor</td>
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<td>MUSTANG</td>
<td>Hon. Brian Grider, Vice-Mayor</td>
<td>Hon. Jess Schweinberg, Mayor</td>
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<td>NICHOLS HILLS</td>
<td>Hon. Peter Hoffman, Councilmember</td>
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<td>NICOMA PARK</td>
<td>Hon. Brian Foughty, Mayor</td>
<td>Hon. Mike Czerczyk, Vice-Mayor</td>
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<td>NOBLE</td>
<td>Hon. Marjorie Hill, Councilmember</td>
<td>Hon. Gail Hatfield, Councilmember</td>
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<td>NORMAN</td>
<td>Hon. Breea Clark, Mayor</td>
<td>Hon. Stephen Holman, Councilmember</td>
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<td>OKARCHE</td>
<td>Hon. Joe Frisby, Trustee</td>
<td>Hon. Jeff Sadler, Trustee</td>
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<td>OKLAHOMA CITY</td>
<td>Hon. Todd Sloan, Councilmember</td>
<td>Any Oklahoma City Councilmember</td>
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<td>PIEDMONT</td>
<td>Hon. John Brown, Councilmember</td>
<td>Hon. Kevan Blasdel, Councilmember</td>
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<td>PURCELL</td>
<td>Hon. Ted Cox, Mayor</td>
<td>Hon. Danny Jacobs, Vice-Mayor</td>
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<td>SLAUGHTERVILLE</td>
<td>Hon. Ronnie Fulks, Trustee</td>
<td>Hon. Valerie Stockton, Trustee</td>
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<td>SPENCER</td>
<td>Hon. Frank Calvin, Mayor</td>
<td>Hon. Jim Scanlan, Vice-Mayor</td>
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<td>THE VILLAGE</td>
<td>Hon. David Bennett, Vice-Mayor</td>
<td>Hon. Sonny Wilkinson, Councilmember</td>
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<td>UNION CITY</td>
<td>Hon. Charlie Ross, Vice-Mayor/Trustee</td>
<td>Hon. Bob McGregor, Trustee</td>
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<td>WARR ACRES</td>
<td>Hon. Jim Mickley, Mayor</td>
<td>Hon. Roger Godwin, Councilmember</td>
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<td>YUKON</td>
<td>Hon. Mike McEachern, Mayor</td>
<td>Hon. Rick Cacini, Councilmember</td>
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<td>CANADIAN COUNTY</td>
<td>Hon. Marc Hader, Commissioner</td>
<td>Hon. Jack Stewart, Commissioner</td>
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<td>CLEVELAND COUNTY</td>
<td>Hon. Rod Cleveland, Commissioner</td>
<td>Hon. Darry Stacy, Commissioner</td>
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<td>LOGAN COUNTY</td>
<td>Hon. Marven Goodman, Commissioner</td>
<td>Hon. Michael Pearson, Commissioner</td>
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<td>OKLAHOMA COUNTY</td>
<td>Hon. Carrie Blumert, Commissioner</td>
<td>Hon. Brian Maughan, Commissioner</td>
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**SUBJECT:**
MINUTES OF THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE MEETING

**DATE:**
FEBRUARY 27, 2020

The regularly scheduled meeting of the Garber-Wellington Association Policy Committee was convened at 3:35 p.m. on February 27, 2020 in 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. Kim Bishop, Vice-Chair

**CITY/AGENCY**
Harrah

**POLICY COMMITTEE MEMBERS PRESENT**
Hon. Ray Poland, Mayor
Hon. Sheila Stevenson, Mayor
Hon. Ken Blasdel, Councilmember
Hon. David Bennett, Vice-Mayor
Hon. Mike McEachern, Mayor
Hon. Michael Pearson, Commissioner

**CITY**
Jones City
Langston
Piedmont
The Village
Yukon
Logan County

**POLICY COMMITTEE MEMBERS ABSENT**
Hon. Steve Palmer, Councilmember
Hon. Bruce Wallace, Trustee
Hon. Roger Malone, Vice-Mayor
Hon. Floyd Eason, Mayor
Hon. Matt White, Mayor
Vacant
Hon. Warren G. Carter, Councilmember
Hon. Steven Gentling, Mayor
Hon. David Adams, Mayor
Hon. Jenni White, Mayor
Hon. Mark Hamm, Councilmember
Hon. Brian Grider, Vice-Mayor
Hon. Peter Hoffman, Councilmember
Hon. Brian Foughty, Mayor
Hon. Marjorie Hill, Councilmember
Hon. Breea Clark, Mayor
Hon. Joe Frisby, Trustee
Hon. Todd Sloan, Councilmember
Hon. Ted Cox, Mayor
Hon. Ronnie Fulks, Trustee
Hon. Frank Calvin, Mayor
Hon. Charlie Ross, Vice-Mayor

**CITY**
Bethany
Calumet
Choctaw
Del City
El Reno
Forest Park
Geary
Guthrie
Lexington
Luther
Moore
Mustang
Nichols Hills
Nicoma Park
Noble
Norman
Okarche
Oklahoma City
Purcell
Slaughterville
Spencer
Union City
1. **CALL TO ORDER**

   Vice-Chair Kim Bishop called the meeting to order at 3:35 p.m.

2. **INTRODUCTION OF GUESTS**

3. **APPROVAL OF MINUTES – DECEMBER 12, 2019**

   Director David Bennett, The Village, made a motion to approve the December 12, 2019 Garber-Wellington Association Policy Committee minutes. Director Michael Pearson seconded the motion. The motion carried.

4. **STAFF REPORT**

   **A. Annual State of the Aquifer**

   Overall well drilling in the aquifer decreased by 8% in 2019. Well drilling tends to be less in wet years such as 2007, 2015, and 2019, so this is consistent with previous wet years. Domestic well drilling remained constant.

   Top categories for drilling were domestic wells and soil evaluation holes, similar to 2018-2019. This past year ranks 16th in drilling activity out of the past 30 years. Most of the activity was in north Edmond and southeastern Oklahoma County.

   Static water levels were recorded in 532 of the 846 wells drilled in 2019 (62.9%). The water well industry needs to pay more attention to the paperwork! This is a critical piece of information that every driller should provide.

   Domestic well depths are trending deeper, but the deepest wells are getting shallower. This is due to more wells being drilled towards the edges of the aquifer in combination with drought conditions. Average domestic well depth has increased 40 feet since 1990.
B. **Drought Forecast for 2020**

Drought still persists in Oklahoma, despite having the fourth wettest May on record. This is due in part to the extended summer we had, making September 2019 look a lot like August.

Presently, we are in the time of the year when we start to see good recharge to the aquifer. January was better than normal, and February will probably be as well.

Long-term modelling of La Niña/El Niño conditions are showing a possible La Niña event in late 2020. This is significant because La Niña events tend to be big weather makers in Oklahoma. Generally the jet stream moves north, allowing much drier conditions to make their way into Oklahoma. The drought of 2011-13 started with a large La Niña event.

So, the wetter-than-normal conditions look to be moving the other way, and drier times may soon be upon us.

C. **2020 Legislative Update**

There have been 48 water-related bills filed in this legislative session. This amount is fairly normal – the average over the past few years has been about 40. However, many of the bills are shell bills – at least a dozen this year.

Groundwater legislation is directed to aquifer storage and recovery issues this term. A Senate Amendment to HB1048 (Representative Sterling), which addresses the taking of groundwater rights by eminent domain is scheduled to be heard on the House Floor the week of February 24.

Also, the Oklahoma Water Resources Board needs to make rules regarding marginal water issues – a new classification for water use in the State of Oklahoma.

5. **PROGRESS REPORT**

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

6. **NEW BUSINESS**

None

7. **ADJOURNMENT**

There being no further business, the meeting was adjourned at 3:55 p.m.
SUBJECT: STRATIGRAPHIC MAPPING GARBER-WELLINGTON AQUIFER OKLAHOMA COUNTY

DATE: MAY 28, 2020

FROM: JOHN HARRINGTON
Water Resources Director

INFORMATION:
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.

To date, two regional structural cross-sections have been constructed through the project area. These sections are oriented along the dip direction of the Garber formation. The cross-sections show extensive faulting in southern Oklahoma County, consistent with the regional geologic province of the Nemaha Ridge and the proximity to the Oklahoma City field. Sand content on the well logs in the intervals of interest are highly variable.

Two regional dip sections will be constructed next, then intervening wells will be added to the database to construct the net sand maps.

ACTION REQUESTED: For information only.
SUBJECT: DROUGHT UPDATE

DATE: MAY 28, 2020

FROM: JOHN HARRINGTON
Water Resources Director

INFORMATION:
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.

At this time only 23% of Oklahoma is in dry or drought conditions, affecting 16,476 people. Drought is not impacting central Oklahoma and will probably not be a problem until at least late summer. Recharge to the aquifer is currently running about 0.56 inches above normal.

Long-term modelling of La Niña/El Niño conditions are showing a possible La Niña event in late 2020. This is significant because La Niña events tend to be big weather makers in Oklahoma. Generally, the jet stream moves north, allowing much drier conditions to make their way into Oklahoma. The drought of 2011-13 started with a large La Niña event.

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

ACTION REQUESTED:
For information only.
SUBJECT: LEGISLATIVE UPDATE MAY 2020

DATE: May 28, 2020

FROM: JOHN HARRINGTON
Water Resources Director

INFORMATION:
The 2020 State legislature initially had about 48 water-related bills filed. About six survived April; three are significant.

The first is HB1048, which has been signed by Governor Stitt. This bill allows groundwater rights to be severed from surface property. The bill, in its entirety, reads: “Condemning authorities seeking to acquire surface rights for a public purpose shall provide written notice to the landowner subject to the acquisition that the landowner may elect to retain, through severance, the groundwater rights, if any, that are attached to the property to be acquired. If the landowner elects to retain such groundwater rights, the acquisition shall be limited to surface rights and exclude groundwater rights; however, an owner of groundwater rights shall not have a right of access to the acquired surface rights and no person may construct, maintain or operate any water well, drilling equipment or lines on or under the surface acquired by the condemning authority without the express written permission of the condemning authority.

Notwithstanding the foregoing, this provision shall not apply to a condemning authority that is seeking to acquire groundwater rights based on an affidavit of need or resolution of necessity that sets out an expressly stated need and purpose for the acquisition of such groundwater rights. “

The second bill is HB2078, which is in committee. This allows municipalities to control the drilling of domestic wells. The bill, in its entirety, reads: “A municipality has the authority to regulate or permit the drilling of domestic and industrial water wells within its corporate limits. A municipality may use the water allocated to the platted land within its corporate limits provided the municipality can make water available to the platted land, a permit therefore is obtained from the Oklahoma Water Resources Board, and the wells are located on platted land shall be not less than six hundred (600) feet within its limits, and such wells may be drilled on the platted land or dedicated land.”

The third bill is SB1269, which directs the OWRB to develop a comprehensive state flood plan. SB1269 was approved by the governor on May 18.

This bill is a response to the flooding events of May 2015 and May 2019. A comprehensive state flood plan has been needed and talked about for twenty years and OFMA has been pushing this for about that long.
The bill reads in part:

“Contingent on available funding, the Oklahoma Water Resources Board shall prepare and adopt a comprehensive state flood plan. The plan shall:

1. Provide for orderly preparation for and response to flood conditions to protect against the loss of life and property;
2. Be a guide to state and local flood control policy; and
3. Contribute to water development when possible.”

**ACTION REQUESTED:**
For information only.
SUBJECT:
PROGRESS REPORT

DATE:
MAY 28, 2020

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.

At this time only 5% of Oklahoma is in drought, affecting 7,970 people. Drought is not impacting central Oklahoma and will probably not be a problem until at least late summer. Recharge to the aquifer is currently running about 0.34 inches above normal.

Long-term modelling of La Niña/El Niño conditions are showing a possible La Niña event in late 2020. This is significant because La Niña events tend to be big weather makers in Oklahoma. Generally, the jet stream moves north, allowing much drier conditions to make their way into Oklahoma. The drought of 2011-13 started with a large La Niña event.

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. To date two regional cross-sections have been completed.

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.

Workplan was submitted to EPA on May 7, 2020.

ACTION REQUESTED:
For information only.