



GARBER-WELLINGTON ASSOCIATION **POLICY COMMITTEE**

Chair

Ray Poland
Jones City Mayor

Vice-Chair

Mark Hamm
Moore Councilmember

Secretary/Treasurer

Matt Dukes
Midwest City Mayor

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, AUGUST 26, 2021, 2:30 P.M.



acog

THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE WILL HOLD A REGULAR **IN-PERSON** MEETING ON THURSDAY, AUGUST 26, 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, AUGUST 23, 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 JUNE 24, 2021, MINUTES ([ATTACHMENT 2](#))
3. STAFF REPORT: John Harrington, Water Resources Director
For information only.
 - A. SANDSTONE MAPPING UPDATE ([ATTACHMENT 3-A](#))
 - B. DROUGHT UPDATE ([ATTACHMENT 3-B](#))
 - C. NEW PROPOSED CHROMIUM-6 REGULATION ([ATTACHMENT 3-C](#))
4. PROGRESS REPORT: John Harrington, Water Resources Director
([ATTACHMENT 4](#)) *For information only.*
5. NEW BUSINESS
6. ADJOURNMENT

NEXT MEETING:

October 28, 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	No Designee	Vacant
GEARY	No Designee	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	No Designee	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. Jeff Brueggen, Trustee	Hon. Jeff Sadler, Trustee/Mayor
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:

JUNE 24, 2021

The In-Person regularly scheduled meeting of the Garber-Wellington Association Policy Committee was convened at 3:29 p.m. on June 24, 2021 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

John Harrington, Water Resources Director

CITY/AGENCY

ACOG

POLICY COMMITTEE MEMBERS PRESENT IN-PERSON

Hon. Josh Moore, Councilmember

Edmond

Hon. Steven J. Gentling, Mayor

Guthrie

Hon. Chris Lally, Mayor

Harrah

Hon. Ken Blasdel, Councilmember

Piedmont

Hon. Mary Smith, Vice-Mayor

Tuttle

Hon. Marc Hader, Commissioner

Canadian County

POLICY COMMITTEE MEMBERS PRESENT CALL-IN

None

POLICY COMMITTEE MEMBERS ABSENT

Hon. Nikki Lloyd, Mayor

Bethany

Hon. Bruce Wallace, Trustee

Calumet

Hon. Chad Williams, Councilmember

Choctaw

Hon. Floyd Eason, Mayor

Del City

Hon. Matt White, Mayor

El Reno

No Designee

Forest Park

Hon. Warren G. Carter, Councilmember

Geary

Hon. Glenn Berglan, Mayor

Goldsby

No Designee

Langston City

Hon. Mike Donovan, Councilmember

Lexington

Hon. Terry Arps, Mayor

Luther

Hon. Matt Dukes, Mayor

Midwest City

Hon. Mark Hamm, Councilmember

Moore

Hon. Brian Grider, Vice-Mayor

Mustang

Hon. Peter Hoffman, Vice-Mayor

Nichols Hills

Hon. Brian Foughty, Mayor

Nicoma Park

Hon. Marjorie Hill, Councilmember

Noble

Hon. Breea Clark, Mayor

Norman

Hon. Joe Frisby, Trustee

Okarche

Hon. Todd Sloan, Councilmember

Oklahoma City

Hon. Ronnie Fulks, Trustee

Slaughterville

Hon. Frank Calvin, Mayor

Spencer

Hon. Cathy Cummings, Councilmember

The Village

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
John Harrington
Anita Kroth
Jimmy Smith

POSITION

Executive Director
Deputy Director
Water Resources Director
Administrative Assistant
IT Operations Specialist

1. CALL TO ORDER

John Harrington, ACOG Water Resources Director, called the meeting to order at 3:29 p.m.

2. APPROVAL OF MINUTES - APRIL 29, 2021

Director Steven J. Gentling, Guthrie, made a motion to approve the April 29, 2021 Garber-Wellington Association Policy Committee minutes. Director Josh Moore, Edmond, seconded the motion. The motion carried unanimously.

3. STAFF REPORT**A. CITY OF YUKON WATER QUALITY MODELING**

Expansions to the 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 Yukon will do the sampling and the modeling; ACOG and ODEQ will review the model.

B. TINKER AFB RESTORATION ADVISORY BOARD - PERFLUOROOCTANE SULFONATE UPDATE

This winter Tinker Air Force 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.

C. DROUGHT UPDATE

Static water levels recorded from the Spencer Oklahoma Mesonet station have continued at the highest level in ten years. However, recharge for May 2021 was only 21 percent of an average May. Recharge for 2021 so far is average.

During the last week of May, abnormally dry areas in Oklahoma decreased, going from 35 percent of the state to 15 percent. The Climate Prediction Center's (CPC) June outlooks have just about erased all trace of drought from Oklahoma. Most models now have moisture from the Gulf going northward into Oklahoma, ending the drought for now.

4. PROGRESS REPORT

John Harrington 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 3:50 p.m.

ATTACHMENT 3-A

SUBJECT:

SANDSTONE MAPPING UPDATE

DATE:

AUGUST 26, 2021

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.

Work commenced in March 2020. We are now entering the second phase of the project (19604(b) grant), which focuses 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 communities 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.

At the present time five of the eight cross-sections have been constructed, utilizing 83 geophysical logs. In addition, the 18604(b) final report which covered southern Oklahoma County has been approved by the EPA.

ACTION REQUESTED:

For information only.

ATTACHMENT 3-B

SUBJECT:

DROUGHT UPDATE

DATE:

AUGUST 26, 2021

FROM:

JOHN HARRINGTON

Water Resources Director

INFORMATION:

Although the state of Oklahoma is on the very edge of a drought area that covers most of the southwest United States, drought has almost disappeared from the state.

The weak La Nina went neutral this summer and allowed conditions to set up in late June for drought to be reduced to less than ten percent of the state. Forecasts indicate that Oklahoma may be drought-free sometime late summer or fall.

Accumulated recharge is above normal this year due to large January and June recharge events. This is reflected in the static water levels, which are at their highest in a decade.

ACTION REQUESTED:

For information only.

ATTACHMENT 3-C

SUBJECT:

NEW PROPOSED CHROMIUM-6 REGULATION

DATE:

AUGUST 26, 2021

FROM:

JOHN HARRINGTON

Water Resources Director

INFORMATION:

H.R. 4253 has been introduced into U.S. House of Representatives as an addendum to the large \$3.5 trillion spending bill which reads as follows:

“Not later than 2 years after the date of enactment of this Act, the Administrator of the Environmental Protection Agency shall publish a maximum contaminant level goal and promulgate a national primary drinking water regulation under section 1412 of the Safe Drinking Water Act (42 U.S.C. 300g-1) for chromium-6, which shall include a filtration requirement.”

The state of California has unsuccessfully tried to implement a chromium-6 maximum contaminant level for drinking water in 2017. The proposed level at 10 parts per billion in California would have a severe impact, if implemented in Central Oklahoma. It is estimated that at least half the public water supply wells would not be able to attain this new regulatory concentration.

Currently there is only a water quality standard for total chromium at 50 parts per billion. Most of the chromium in the Garber-Wellington aquifer is hexavalent chromium.

ACTION REQUESTED:

For information only.

ATTACHMENT 4

SUBJECT:

PROGRESS REPORT

DATE:

AUGUST 26, 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 improved over the past weeks. A significant precipitation event in late June reduced drought to less than ten percent of the state. Additional precipitation in August could eliminate drought entirely in the state.

Recharge has been significant in the past two months. Static water levels are at the highest in at least a decade.

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. Eighty-three well logs have been correlated and five 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.

This project proposal has been submitted to EPA as part of the 21604(b) grant program.

ACTION REQUESTED:

For information only.