



ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS



GARBOR-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

AGENDA: THURSDAY
APRIL 27, 2023
2:30 P.M.

Association of Central Oklahoma Governments
4205 N. Lincoln Blvd. | Oklahoma City, OK 73105 | 405.234.2264 | acogok.org

THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE WILL HOLD A REGULAR MEETING ON THURSDAY, APRIL 27, AT ACOG IN THE OKLAHOMA BOARD ROOM, 4205 N. LINCOLN BLVD., OKLAHOMA CITY, OKLAHOMA.

Please notify ACOG at 405.234.2264 (TDD/TTY Call 711 Statewide or email title.vi@acogok.org, by 5 p.m. Monday, April 24, 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 THE MINUTES - FEBRUARY 23, 2023 ([ATTACHMENT 2](#))
 3. STAFF REPORT: John Harrington, Water Resources Director. *For information only.*
 - A. DROUGHT UPDATE ([ATTACHMENT 3-A](#))
 - B. SANDSTONE MAPPING UPDATE ([ATTACHMENT 3-B](#))
 - C. INTENT TO DRILL APPLICATIONS ([ATTACHMENT 3-C](#))
 - D. 2023 LEGISLATIVE UPDATE ([ATTACHMENT 3-D](#))
 4. PROGRESS REPORT: John Harrington, Water Resources Director. ([ATTACHMENT 4](#)) *For information only.*
 5. NEW BUSINESS
 6. ADJOURN
-

NEXT MEETING:

Thursday, June 29, 2023, at 2:30 p.m.

GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
BETHANY	Hon. Nikki Lloyd Mayor	Hon. Chris Powell Vice-Mayor
		Hon. Kathy Larsen Councilmember
CALUMET	Hon. Terry Brungardt Trustee	Hon. Michael Snyder Trustee
CHOCTAW	Hon. Cody Brewer Councilmember	Hon. Chad Allcox Mayor
CRESCENT	Hon. Jim Neal Councilmember	Hon. Greg Cummings Mayor
DEL CITY	Hon. Floyd Eason Mayor	Hon. Pam Finch Vice-Mayor
		Hon. Michael Dean Councilmember
EDMOND	Hon. Josh Moore Councilmember	Hon. Darrell Davis Mayor
EL RENO	Hon. Amy Neathery, Councilmember Mayor	Hon. David Black Vice-Mayor
		Hon. Steve Jensen Mayor
FOREST PARK	No Designee	No Designee
GEARY	No Designee	Hon. Bobby Allen Mayor
GOLDSBY	Hon. Glenn Berglan Mayor	Hon. Russ McReynolds Vice Mayor
		Hon. Susan Boeher Trustee
GUTHRIE	Hon. Steven J. Gentling Mayor	Hon. Jeff Taylor Councilmember
HARRAH	Hon. Tim Rudek Councilmember	Hon. Jeff Brzozowski Councilmember
JONES CITY	Hon. Ray Poland Mayor	Hon. Missy Wilkinson Vice-Mayor
LANGSTON CITY	No Designee	Hon. Magnus Scott Trustee
		No Designee

GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
LEXINGTON	Hon. Mike Donovan Councilmember	Hon. Max Punneo Vice-Mayor
LUTHER	Hon. Terry Arps Mayor	Hon. Joshua Rowton Trustee
		Hon. Carla Caruthers Trustee
MIDWEST CITY	Hon. Matt Dukes Mayor	Hon. Pat Byrne Vice-Mayor
		Hon. Rick Favors Councilmember
MOORE	Hon. Mark Hamm Councilmember	Hon. Glenn Lewis Mayor
		Any Moore Councilmember
MUSTANG	Hon. Brian Grider Mayor	Hon. Michael Ray Councilmember
NICHOLS HILLS	Hon. Peter Hoffman Mayor	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. Larry Heikkila Mayor	Hon. Stephen Holman Councilmember
OKARCHE	Hon. Jeff Brueggen Trustee	Hon. Jeff Sadler Trustee
OKLAHOMA CITY	Hon. Todd Stone Councilmember	Any Oklahoma City Councilmember
PIEDMONT	No Designee	Hon. Melissa Ashford Councilmember
		Hon. Austin Redus Councilmember
SLAUGHTERVILLE	No Designee	Hon. Eugene Dicksion Trustee
SPENCER	Hon. Frank Calvin Mayor	Hon. Charmin Williams Vice Mayor
THE VILLAGE	Hon. Sonny Wilkinson Mayor	Hon. Wynter Griffis Vice-Mayor
		Hon. Sean Cummings Councilmember

GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
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. Roger Godwin Mayor	Hon. John Knipp Councilmember
		Hon. Mike Schmidt Councilmember
YUKON	Hon. Shelli Selby Mayor	Hon. Jeff Wootton Vice-Mayor
CANADIAN COUNTY	Hon. Tom Manske Commissioner	Hon. David Anderson Commissioner
		Hon. Tracey Rider Commissioner
CLEVELAND COUNTY	Hon. Rod Cleveland Commissioner	Hon. Rusty Grissom Commissioner
LOGAN COUNTY	Hon. Mark Sharpton Commissioner	Vacant
		Hon. Monty Piearcy Commissioner
OKLAHOMA COUNTY	Hon. Carrie Blumert Commissioner	Hon. Myles Davidson Commissioner
		Hon. Brian Maughan Commissioner
TINKER AIR FORCE BASE (Associate Member)	No Designee	Vacant



ATTACHMENT 2

SUBJECT:

MINUTES OF THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE MEETING

DATE:

FEBRUARY 23, 2023

A regular meeting of the Garber-Wellington Association Policy Committee was convened at 3:05 p.m., Thursday, December 15, 2023, at Association of Central Oklahoma Governments (ACOG) in the Oklahoma Board Room, 4205 N. Lincoln Blvd., 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 24 hours prior to the meeting.

PRESIDING CHAIR

Hon. Ray Poland, Mayor

ENTITY

Jones City

BOARD MEMBERS PRESENT

Hon. Kathy Larsen, Councilmember
Hon. Michael Snyder, Trustee
Hon. Josh Moore, Councilmember
Hon. Amy Neatherly, Mayor
Hon. Glenn Berglan, Mayor
Hon. Steven J. Gentling, Mayor
Hon. Tim Rudek, Councilmember
Hon. Matt Dukes, Mayor
Hon. Mark Hamm, Councilmember
Hon. Phil Freeman, Mayor
Hon. Larry Heikkila, Mayor
Hon. Roger Godwin, Mayor
Hon. Rod Cleveland, Commissioner
Hon. Rusty Grissom, Commissioner

ENTITY

Bethany
Calumet
Edmond
El Reno
Goldsby
Guthrie
Harrah
Midwest City
Moore
Noble
Norman
Warr Acres
Cleveland County
Cleveland County

BOARD MEMBERS ABSENT

Hon. Chad Williams, Councilmember
Hon. Floyd Eason, Mayor
No Designee
Hon. Warren G. Carter, Councilmember
No Designee
Hon. Mike Donovan, Councilmember
Hon. Terry Arps, Mayor
Hon. Peter Hoffman, Mayor
Hon. Mark Cochell, Mayor
Hon. Joe Frisby, Trustee
Hon. Todd Stone, Councilmember
No Designee
Hon. John Koehler, Trustee

ENTITY

Choctaw
Del City
Forest Park
Geary
Langston City
Lexington
Luther
Nichols Hills
Nicoma Park
Okarche
Oklahoma City
Piedmont
Slaughterville

BOARD MEMBERS ABSENT (Cont.)

Hon. Frank Calvin, Mayor
Hon. Sonny Wilkinson, Mayor
Hon. Mary Smith, Vice-Mayor
Hon. Charlie Ross, Vice-Mayor
Hon. Shelli Selby, Mayor
Hon. Tom Manske, Commissioner
Hon. Mark Sharpton, Commissioner
Hon. Carrie Blumert, Commissioner

ENTITY

Spencer
The Village
Tuttle
Union City
Yukon
Canadian County
Logan County
Oklahoma County

ASSOCIATE MEMBERS ABSENT

No Designee

ENTITY

Tinker Air Force Base

GUESTS PRESENT

Michael Taylor, Assist. City Manager
Jenny Goodspeed, Deputy Commissioner
Pete White, Attorney

ENTITY/AGENCY/BUSINESS

Nichols Hills
Cleveland County
ACOG Legal Counsel

ACOG STAFF PRESENT

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

POSITION

Executive Director
Deputy Director
Executive Assistant
Water Resources Director
Administrative Assistant
IT Operations Specialist I
Air Quality & Clean Cities Manager

MINUTES

1. CALL TO ORDER - INTRODUCTION OF GUESTS

Chairman Ray Poland called the meeting to order at 3:05 p.m.

2. APPROVAL OF MINUTES - DECEMBER 15, 2022

Mayor Matt Dukes, Midwest City, made a motion to approve the December 15, 2022 minutes of the Garber-Wellington Association Policy Committee meeting. Councilmember Tim Rudek, Harrah, seconded the motion. The motion carried unanimously.

3. STAFF REPORT

A. DROUGHT UPDATE

January rainfall was normal at 1.27 inches but did little to improve the drought situation. Extreme drought and exceptional drought were virtually unchanged at 55 percent and 10 percent, respectively. Most of the improvement was in the far southeast portion of the state. Abnormal dryness or drought are currently affecting approximately 3,440,667 people in Oklahoma.

Recharge to the aquifer was zero for January. Except for last December, recharge has been zero since June. The annual amount of recharge for the aquifer in 2022 was 1.57 inches, about 57 percent of the average 2.78 inches.

Surface water conditions appear to have slowed or stopped declining; at present we are about 82 percent of capacity, compared to 89 percent capacity this time last year.

A transition from La Niña to ENSO-neutral is anticipated during the February-April 2023 season. By the Northern Hemisphere spring (March-May 2023), the chance for ENSO-neutral is 82 percent. This could bring slightly wetter conditions to Oklahoma.

Most drought cycles in Oklahoma last 3-5 years. We will be looking at drought for another 2-4 years.

B. SANDSTONE MAPPING UPDATE

2020 604(b) Project: Guthrie Area

All cross-sections in both the Guthrie area and in the Lexington area have been completed. Sand thickness maps in these areas are being generated by GWA staff this month and March. The draft report will be available in April 2023.

2021 604(b) Project: Geologic Modeling Garber-Wellington Aquifer

The workplan has been approved and the Quality Assurance Project Plan (QAPP) was submitted in June 2022. We are waiting on Environmental Protection Agency (EPA) review and approval.

C. 2023 LEGISLATIVE UPDATE

Even though the State of Oklahoma is in the second year of drought, only one bill addresses anything concerning drought mitigation. HB 2293 is a shell bill titled "Statewide Drought and Flood Plan Act of 2023." I would strongly suggest that your representatives in the legislature be made aware of this fact.

The following twelve filed bills address water issues:

<u>BILL NO.</u>	<u>SUBJECT</u>	<u>ACOG POSITION</u>
HB1711	Medical Marijuana Farms	SUPPORT
HB1940	Groundwater Permits	SUPPORT
HB1943	Wastewater Treatment Plants	SUPPORT
HB1982	Oklahoma Water Resources Board	MONITOR
HB2053	Water Rights Applications	OPPOSE
HB2293	Statewide Drought and Flood Plan Act of 2023 (Shell Bill)	MONITOR
HB2313	OWRB Business Development Revolving Fund	MONITOR
SB0165	Fluoride in Public Water Supplies	OPPOSE
SB0659	Groundwater Permits	SUPPORT
SB0846	Rainwater Collection	SUPPORT
SB0851	Basin Integrity Study	MONITOR
SB0874	Biosolid Regulation	SUPPORT

4. PROGRESS REPORT

John Harrington pointed out that the progress report was available for review in the agenda.

5. NEW BUSINESS

There was no new business stated.

6. ADJOURN

There being no further business, Chairman Ray Poland adjourned the meeting at 3:32 p.m.



SUBJECT:
DROUGHT UPDATE

DATE:
APRIL 27, 2023

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

Rainfall for the first three months of 2023 for Central Oklahoma has registered at about 88 percent of normal, but the drought situation has only improved in southeastern Oklahoma. Western Oklahoma is still locked in exceptional or extreme drought, with the meteorological station at Guymon looking at 225 days without a quarter inch of rain or better. Drought in southeastern Oklahoma has been eliminated, with the dividing line following the Interstate 44 Corridor.

Recharge to the Garber-Wellington Aquifer over the past two months (February and March) saw a combined recharge of 0.44 inches; this is about 10 percent more than average. The distribution of the recharge has been dominant in the eastern areas of the aquifer, while municipalities such as Edmond and Yukon received no recharge.

Surface water conditions improved, mostly due to Lake Atoka filling up because of the good winter rains in that part of the state. Canton Lake is still only at 70 percent, due to the drought conditions in Blaine County. Overall surface water capacity is about the same as a year ago at 92 percent full.

A transition from La Niña to ENSO-neutral occurred during the February-April 2023 time interval. Although this could bring slightly wetter conditions to Oklahoma, the three-month drought projection from the National Weather Service suggests that the spring rains will only improve, not eliminate, drought in Oklahoma.

Most drought cycles in Oklahoma last 3-5 years. We will be looking at drought for another 2-4 years.

ACTION REQUESTED:
For information only.



SUBJECT:

SANDSTONE MAPPING UPDATE

DATE:

APRIL 27, 2023

FROM:

JOHN HARRINGTON
Water Resources Director

INFORMATION:

2020 604(b) Project: Guthrie Area

All cross-sections in both the Guthrie area and in the Lexington area have been completed. Sand thickness maps in these areas have been generated for the Guthrie area. The Lexington area will be completed in May 2023. The draft report will be available in June 2023.

2021 604(b) Project: Geologic Modeling Garber-Wellington Aquifer

The workplan has been approved and the Quality Assurance Project Plan (QAPP) has been approved by EPA. Work is expected to start July 2023.

ACTION REQUESTED:

For information only.



ATTACHMENT 3-C

SUBJECT:

INTENT TO DRILL APPLICATIONS

DATE:

APRIL 27, 2023

FROM:

JOHN HARRINGTON
Water Resources Director

INFORMATION:

On November 1, 2022, the legislation went into effect that any person who intends to drill a groundwater well for non-domestic use must, prior to drilling, apply for authorization and receive approval from the Oklahoma Water Resources Board (OWRB). Authorization to drill will not be issued for any well location that does not have an active groundwater right. The required provisions are summarized as follows:

- The intent to drill application must be filed by the drilling contractor electronically.
- The application fee is \$250 and must be paid electronically at the time of filing.
- Please note that failure to submit an intent to drill application when required may result in a penalty of up to \$5,000.00 per day for each violation.
- Intent to drill authorizations are required for groundwater wells used for beneficial uses such as public water supply, industrial use, medical marijuana grow operations, poultry operations, irrigation of more than three acres, oil and gas recovery, and any other commercial use.
- Intent to drill authorizations are not required for domestic groundwater wells used for household purposes, livestock (up to the land's grazing capacity), and irrigation of less than 3 acres.
- For complete definitions and intent to drill requirements see OAC 785:30-1-1 and OAC 785:35-13-1.

ACTION REQUESTED:

For information only.



SUBJECT:
2023 LEGISLATIVE UPDATE

DATE:
 APRIL 27, 2023

FROM:
JOHN HARRINGTON
 Water Resources Director

INFORMATION:

The 2023 legislative session has produced several interesting bills. The list below shows the status of these bills as of April 19, 2023.

BILL NO.	SUBJECT	DESCRIPTION	COMMENT	STATUS
HB1711	Medical Marijuana Farms	Requiring transmission of monthly usage reports in certain format to the Oklahoma Medical Marijuana Authority	Marijuana farms consume considerable amounts of groundwater and thus should have some monitoring requirements.	DEAD
HB1940	Groundwater Permits	This bill modifies the rules to make flat permit fees for both temporary and regular permits. The permit fees shall not increase or decrease in proportion to the volume of water or for any other reason.	This simplifies the fee schedule and allows better financial planning for smaller systems.	Reported Do Pass as amended Energy and Telecommunications committee; CR filed 4/13/2023
HB1943	Wastewater Treatment Plants	Any new rules or regulations promulgated by the Department of Environmental Quality regarding construction requirements for wastewater treatment plants shall not apply to the new wastewater treatment plant until after the expiration of a term of fifteen (15) years.	This allows the plant to operate without issues to its financial stability for the first 15 years of use.	DEAD

BILL NO.	SUBJECT	DESCRIPTION	COMMENT	STATUS
HB1982	Oklahoma Water Resources Board	Ends the ability of the OWRB to adopt, modify or repeal and promulgate standards of quality of the waters of the state and to classify such waters according to their best uses in the interest of the public under such conditions as the Board may prescribe for the prevention, control, and abatement of pollution.	This gives the ODEQ sole authority over water quality issues in the state.	Reported Do Pass Energy and Telecommunications committee; CR filed 04/06/2023
HB2293	Statewide Drought and Flood Plain Act of 2023	Water and water rights; creating the Flood and Drought Management Task Force.	Mostly organizes a couple of committees.	Reported Do Pass as amended Energy and Telecommunications committee; CR filed 4/6/2023
HB2313	OWRB Business Development Revolving Fund	There is hereby created "Oklahoma Water Resources Board Business Development Revolving Fund". The fund shall be a continuing fund, not subject to fiscal year limitations, and shall consist of all monies received by the Oklahoma Water Resources Board.	Not sure of the impact of this.	DEAD
SB0165	Fluoride in Public Water Supplies	Every county, municipality, city, town, school, or political subdivision thereof, or public or private business operating in the state is hereby prohibited from introducing or depositing fluoride or any chemical containing fluoride into a public water supply.	The CDC argues that not only is fluoride safe to consume in water, but it is also effective. Because fluoridated water keeps minimal amounts of fluoride in the mouth throughout the day, this allows fluoride to actively fight tooth decay.	DEAD

BILL NO.	SUBJECT	DESCRIPTION	COMMENT	STATUS
SB0851	Basin Integrity Study	A "basin integrity study" means a scientific study to determine sustainable instream flow regimes tailored for certain basins in certain seasons in this state. Results of such studies shall meet the demand of consumptive and nonconsumptive uses including, but not limited to, sustainable growth, water quality, tourism, economic development, agricultural, environmental, industrial, and municipal.	Need to define funding mechanism for this.	DEAD

ACTION REQUESTED:

For information only.



SUBJECT:
PROGRESS REPORT

DATE:
APRIL 27, 2023

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

ACOG Drought Program

Rainfall for the first three months of 2023 for Central Oklahoma has registered at about 88 percent of normal, but the drought situation has only improved in southeastern Oklahoma. Western Oklahoma is still locked in exceptional or extreme drought, with the meteorological station at Guymon looking at 225 days without a quarter inch of rain or better. Drought in southeastern Oklahoma has been eliminated, with the dividing line following the Interstate 44 Corridor.

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Surface water conditions improved, mostly due to Lake Atoka filling up because of the good winter rains in that part of the state. Canton Lake is still only at 70 percent, due to the drought conditions in Blaine County. Overall surface water capacity is about the same as a year ago at 92 percent full.

A transition from La Niña to ENSO-neutral occurred during the February-April 2023 time interval. Although this could bring slightly wetter conditions to Oklahoma, the three-month drought projection from the National Weather Service suggests that the spring rains will only improve, not eliminate, drought in Oklahoma.

Most drought cycles in Oklahoma last 3-5 years. We will be looking at drought for another 2-4 years.

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

2020 604(b) Project: Guthrie Area

All cross-sections in both the Guthrie area and in the Lexington area have been completed. Sand thickness maps in these areas have been generated for the Guthrie area. The Lexington area will be completed in May 2023. The draft report will be available in June 2023.

2021 604(b) Project: Geologic Modeling Garber-Wellington Aquifer

The workplan has been approved and the Quality Assurance Project Plan (QAPP) has been approved by the Environmental Protection Agency (EPA). Work is expected to start July 2023.

The FY 18-20 604(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 be produced, which can then be integrated into the groundwater models generated by the FY 2013-16 604(b) projects.

The workplan has been approved and the Quality Assurance Project Plan (QAPP) has been approved by the EPA. Work is expected to commence in July 2023.

2022 604(b) - Effects on Aquifer Recharge from the Proposed Turnpike in Norman

The proposed Turnpike will run through a major portion of the nonurban recharge area of the Garber-Wellington Aquifer in the City of Norman. Although the route at present is mostly rural, inevitable urbanization will take place along the route.

This usually results in hardened surfaces such as parking lots and roofing along the route, resulting in less recharge to the aquifer and more overland flow into the watershed. Less recharge may affect the water table for domestic and municipal supplies and may also affect or downgrade potential drilling areas for additional well fields in the aquifer. The workplan proposal has been approved by the EPA.

2022 604(b) BIL - Source Tracking for Bacteria - North Canadian River

The main objective of this project is to substantiate the relationship between flow, fluorescence, and pathogen concentrations in the North Canadian River and several major tributaries for purposes of determining human generated sources for pathogens. This project would continue the decadal ACOG sampling of bacteria in the urban corridor and watersheds of the North Canadian River and to apply fluorometry as a tool to address sources.

This project will be different from the 2011 study with the aspect that the bacteria samples will be subject to UV light before the application of the fluorometer.

The workplan proposal was sent to the Office of the Secretary of Energy and Environment (OSEE) and the EPA in May 2022. The workplan proposal has been approved by the EPA.

ACTION REQUESTED:

For information only.