



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
FEBRUARY 23, 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, FEBRUARY 23, 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. Tuesday, February 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 THE MINUTES - DECEMBER 15, 2022 ([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. 2023 LEGISLATIVE UPDATE ([ATTACHMENT 3-C](#))
 4. PROGRESS REPORT: John Harrington, Water Resources Director. ([ATTACHMENT 4](#))
For information only.
 5. NEW BUSINESS
 6. ADJOURN
-

NEXT MEETING:

Thursday, April 27, 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. Chad Williams Councilmember	Hon. Jeannie Abts Councilmember
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
GUTHRIE	Hon. Steven J. Gentling Mayor	Hon. Jeff Taylor Councilmember
HARRAH	Hon. Tim Rudek Councilmember	Hon. Chris Lally Councilmember
JONES CITY	Hon. Ray Poland Mayor	Hon. Missy Wilkinson Vice-Mayor
LANGSTON CITY	No Designee	Hon. Magnus Scott Trustee
		Hon. Linda Williams Trustee

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. George Schmerer Councilmember
NORMAN	Hon. Larry Heikkila Mayor	Hon. Lauren Schueler 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	Hon. John Koehler Trustee	Hon. Eugene Dicksion Mayor
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. Jim Mickley Mayor	Hon. Roger Godwin Councilmember
		Hon. John Knipp Councilmember
YUKON	Hon. Shelli Selby Mayor	Hon. Jeff Wootton Vice-Mayor
CANADIAN COUNTY	Hon. Tomas Manske Commissioner	Hon. David Anderson Commissioner
		Hon. Tracey Rider Commissioner
CLEVELAND COUNTY	Hon. Rusty Grissom Commissioner	Hon. Rod Cleveland Commissioner
LOGAN COUNTY	Hon. Mark Sharpton Commissioner	Hon. Kody Ellis Commissioner
		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:

DECEMBER 15, 2022

A regular meeting of the Garber-Wellington Association Policy Committee was convened at 4:15 p.m., Thursday, December 15, 2022, 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. Nikki Lloyd, Mayor
Hon. Josh Moore, Councilmember
Hon. Glenn Berglan, Mayor
Hon. Matt Dukes, Mayor
Hon. Phil Freeman, Mayor

ENTITY

Bethany
Edmond
Goldsby
Midwest City
Noble

BOARD MEMBERS ABSENT

Hon. Terry Brungardt, Trustee
Hon. Chad Williams, Councilmember
Hon. Floyd Eason, Mayor
Hon. Matt White, Mayor
No Designee
Hon. Warren G. Carter, Councilmember
Hon. Steven J. Gentling, Mayor
Hon. Tim Rudek, Councilmember
No Designee
Hon. Mike Donovan, Councilmember
Hon. Terry Arps, Mayor
Hon. Mark Hamm, Councilmember
Hon. Peter Hoffman, Mayor
Hon. Mark Cochell, Mayor
Hon. Larry Heikkila, Mayor
Hon. Joe Frisby, Trustee
Hon. Todd Stone, Councilmember
No Designee
Hon. John Koehler, Trustee
Hon. Frank Calvin, Mayor
Hon. Sonny Wilkinson, Mayor
Hon. Mary Smith, Vice-Mayor
Hon. Charlie Ross, Vice-Mayor
Hon. Jim Mickley, Mayor
Hon. Shelli Selby, Mayor

ENTITY

Calumet
Choctaw
Del City
El Reno
Forest Park
Geary
Guthrie
Harrah
Langston City
Lexington
Luther
Moore
Nichols Hills
Nicoma Park
Norman
Okarche
Oklahoma City
Piedmont
Slaughterville
Spencer
The Village
Tuttle
Union City
Warr Acres
Yukon

BOARD MEMBERS ABSENT

Hon. Marc Hader, Commissioner
Hon. Rod Cleveland, Commissioner
Hon. Kody Ellis, Commissioner
Hon. Carrie Blumert, Commissioner

ENTITY

Canadian County
Cleveland County
Logan County
Oklahoma County

ASSOCIATE MEMBERS ABSENT

No Designee

ENTITY

Tinker Air Force Base

GUESTS PRESENT

Pete White, Attorney
Tanisha Bundy, CFO

ENTITY/AGENCY/BUSINESS

ACOG Legal Counsel
NOW

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 4:15 p.m.

2. APPROVAL OF MINUTES - DECEMBER 15, 2022

Director Matt Dukes, Midwest City, made a motion to approve the December 15, 2022 minutes of the Garber-Wellington Association Policy Committee meeting. Director Josh Moore, Edmond, seconded the motion. The motion carried unanimously.

3. STAFF REPORT

A. DROUGHT UPDATE

Although November rainfall was slightly above normal at 2.69 inches (increase of 0.37 inches), the generous amount of precipitation did little to improve the drought situation. Severe drought was down by only 6 percent and exceptional drought was down by 1.28 percent. Most of the improvement was in the far southeast portion of the state.

Recharge to the aquifer has been zero since June. It is expected that the annual amount of recharge for the aquifer in 2022 will be about 1.38 inches, about half of the average 2.78 inches.

Surface water conditions appear to have slowed or stopped declining; at present we are about 80 percent of capacity, compared to 90 percent capacity this time last year. There is a 76 percent chance of La Niña during the Northern Hemisphere winter (December 2022-February 2023) with a transition to ENSO-neutral favored in February-April 2023 (57 percent chance). This implies a drier than normal winter.

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

B. HEXAVALENT CHROMIUM UPDATE

Hexavalent chromium (CR6) in drinking water has been under regulatory review for many years now. EPA has a review process, and the assessment will enter External Peer Review in January 2023.

Public water supplies on the Garber-Wellington (GW) Aquifer sample total chromium, not CR6. However, sixteen samples in the ACOG GW database have sampled for both total chromium and CR6. Most of the total chromium is made of CR6, thus we can assume the 1,424 total chromium samples in the ACOG GW database are hexavalent chromium. Out of 1,424 samples in the GW Aquifer database, about half would exceed 10 ppb. This indicates that the regulation, if passed, will affect the entire aquifer.

A California state court threw out a proposed state regulatory level of 10 ppb MCL (maximum contaminant level) because the California State Water Board "failed to properly consider the economic feasibility of complying with the MCL." Costs for large systems with more than 10,000 connections would be \$64 per year, per connection. Costs for small systems serving 200-1000 connections would be \$857 per year, per connection, an increase of \$71.40 each month.

A real distribution of higher concentrations of chromium is like arsenic in the GW Aquifer. Deeper wells would become too expensive to pump. New wells would be drilled in the eastern part of the aquifer, where the sands are shallower, and the pH of the water is lower.

C. SANDSTONE MAPPING UPDATE

2020 604(b) Project: Guthrie Area

Six cross-sections have been completed in the Guthrie area. Three cross-sections have been completed in the Lexington-Purcell area with one more to make. Sand thickness maps in these areas will be generated January-February 2023. The draft report will be available in March 2023.

2021 604(b) Project: Geologic Modeling GW Aquifer

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

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, the meeting was adjourned at 4:45 p.m.



SUBJECT:
DROUGHT UPDATE

DATE:
FEBRUARY 23, 2023

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

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 possibly another 2-4 years.

ACTION REQUESTED:
For information only.



ATTACHMENT 3-B

SUBJECT:

SANDSTONE MAPPING UPDATE

DATE:

FEBRUARY 23, 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 are being generated 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 EPA review and approval.

ACTION REQUESTED:

For information only.



SUBJECT:

2023 LEGISLATIVE UPDATE

DATE:

FEBRUARY 23, 2023

FROM:

JOHN HARRINGTON
Water Resources Director

INFORMATION:

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

ACTION REQUESTED:

For information only.



SUBJECT:
PROGRESS REPORT

DATE:
FEBRUARY 23, 2023

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

ACOG Drought Program

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.

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

2020 604(b) - Stratigraphic Mapping Garber-Wellington Aquifer in 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 this month and March. The draft report will be available in April 2023.

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

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) was submitted in June 2022. We are waiting on EPA review and approval.

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 Environmental Protection Agency (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.