



ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS



GARBOR-WELLINGTON ASSOCIATION POLICY COMMITTEE



Chair

Matt Dukes

Midwest City Mayor

Vice-Chair

David Bennett

The Village Mayor

Secretary/Treasurer

Tim Rudek

Harrah Councilmember

Executive Director

Mark W. Sweeney, AICP

AGENDA: THURSDAY
AUGUST 29, 2024
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, AUGUST 29, 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, August 26, 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 - JUNE 27, 2024** ([ATTACHMENT 2](#)) *Action Requested.*
 3. **STAFF REPORT:** John Harrington, Water Resources Director *For information only.*
 - A. **DROUGHT UPDATE** ([ATTACHMENT 3-A](#))
 - B. **PROJECTS UPDATE - GARBER-WELLINGTON CROSS-SECTIONS AND SURFACE WATER MODELING** ([ATTACHMENT 3-B](#))
 - C. **2024 WATER-RELATED JUDICIAL RULINGS** ([ATTACHMENT 3-C](#))
 4. **PROGRESS REPORT:** John Harrington, Water Resources Director ([ATTACHMENT 4](#)) *For information only.*
 5. **NEW BUSINESS**
 6. **ADJOURN**
-

NEXT MEETING:

Thursday, October 24, 2024, 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. Claudia Browne Councilmember
EDMOND	Hon. Darrell Davis Mayor	Hon. Barry K. Moore Councilmember
EL RENO	Hon. Amy Neathery Councilmember	Hon. David Black Vice-Mayor
		Hon. Steve Jensen Mayor
FOREST PARK	Hon. Rashanna Baker Trustee	Hon. Stephen Miller Trustee
		Hon. George H. Smith Mayor/Trustee
GEARY	No Designee	Vacant
GOLDSBY	Hon. Glenn Berglan Trustee	Hon. Darrell Ingram Trustee
GUTHRIE	Hon. Steven J. Gentling Mayor	Hon. Adam Ropp Councilmember
HARRAH	Hon. Tim Rudek Councilmember	Hon. Jeff Brzozowski Councilmember
		Hon. Bernadette Klimkowski Councilmember
JONES CITY	Hon. Chris Calvert Trustee	Vacant
LANGSTON CITY	Hon. Michael Boyles Mayor/Trustee	Hon. Magnus Scott Trustee
		Hon. Misty B. Mayes Trustee

GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
LEXINGTON	Hon. Mike Donovan Mayor	Hon. Max Punneo Councilmember
		Hon. Raul Trejo Councilmember
LUTHER	Hon. Terry Arps Mayor	Hon. Carla Caruthers Trustee
MIDWEST CITY	Hon. Matt Dukes Mayor	Hon. Pat Byrne Vice-Mayor
		Hon. Rick Favors Councilmember
MOORE	Hon. Kathy Griffith Councilmember	Any Moore Councilmember
MUSTANG	Hon. Brian Grider Mayor	Hon. James Wald Councilmember
NICHOLS HILLS	Hon. E. Peter Hoffman, Jr. Mayor	Hon. Sody Clements Councilmember
NICOMA PARK	Hon. Mark Cochell Mayor	Hon. Jeff Caudill Councilmember
		Hon. Steve West Vice-Mayor
NOBLE	Hon. Phil Freeman Mayor	Hon. George Schmerer Councilmember
		Hon. Chad Terrill Councilmember
NORMAN	Hon. Larry Heikkila Mayor	Hon. Stephen Holman Councilmember
OKARCHE	Hon. Jeff Brueggen Trustee	Hon. Jeff Sadler Trustee
OKLAHOMA CITY	Hon. Matt Hinkle Councilmember	Any Oklahoma City Councilmember
PIEDMONT	Hon. Rob Jones Councilmember	Hon. Byron Schlomach Councilmember
		Hon. Ryan Aller Councilmember
SLAUGHTERVILLE	Hon. Leah Grady Trustee	Hon. Eugene Dicksion Trustee
SPENCER	Hon. Frank Calvin Mayor	Hon. Charmin Williams Vice Mayor
THE VILLAGE	Hon. David Bennett Mayor	Hon. Melodie Moore Vice-Mayor

GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
TUTTLE	Hon. Trey Buck Councilmember	Hon. Larry Watson Councilmember
UNION CITY	Hon. Chad Fischer Trustee	Hon. Dale Quigley Trustee
		Hon. Keith Dennis Trustee
WARR ACRES	Hon. Roger Godwin Mayor	Hon. Vickie Douglas Vice-Mayor
		Vacant
YUKON	Hon. Shelli Selby Councilmember	Hon. David Enmark Councilmember
CANADIAN COUNTY	Hon. Tom 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. Charlie Meadows Commissioner
		Hon. Monty Pearcey Commissioner
OKLAHOMA COUNTY	Hon. Carrie Blumert Commissioner	Hon. Myles Davidson Commissioner
		Hon. Brian Maughan Commissioner
TINKER AIR FORCE BASE (Associate Member)	Stephanie Wilson Base Civil Engineer	Brad Beam Deputy Base Civil Engineer



SUBJECT:

MINUTES OF THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE MEETING

DATE:

JUNE 27, 2024

A regular meeting of the Garber-Wellington Association Policy Committee (GWAPC) convened at 3:12 p.m., Thursday, June 27, 2024, 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. Matt Dukes, Mayor

ENTITY

Midwest City

BOARD MEMBERS PRESENT

Hon. Claudia Browne, Councilmember
Hon. Glenn Berglan, Trustee
Hon. Steven Gentling, Mayor
Hon. Misty B. Mayes, Trustee
Hon. Kathy Griffith, Councilmember
Hon. Phil Freeman, Mayor
Hon. Larry Heikkila, Mayor
Hon. Leah Grady, Trustee

ENTITY

Del City
Goldsby
Guthrie
Langston City
Moore
Noble
Norman
Slaughterville

Hon. Shelli Selby, Mayor
Hon. Mark Sharpton, Commissioner
Hon. Charlie Meadows, Commissioner

Yukon
Logan County
Logan County

ASSOCIATE MEMBERS PRESENT

None

BOARD MEMBERS ABSENT

Hon. Nikki Lloyd, Mayor
Hon. Terry Brungardt, Trustee
Hon. Cody Brewer, Councilmember
Hon. Jim Neal, Councilmember
Hon. Darrell Davis, Mayor
Hon. Amy Neathery, Mayor
Hon. Rashanna Baker, Trustee
No Designee
Hon. Tim Rudek, Councilmember
Hon. Chris Calvert, Trustee
Hon. Mike Donovan, Mayor
Hon. Terry Arps, Mayor
Hon. Brian Grider, Mayor
Hon. Peter Hoffman, Mayor
Hon. Mark Cochell, Mayor
Hon. Jeff Brueggen, Trustee
Hon. Matt Hinkle, Councilmember
Hon. Rob Jones, Councilmember
Hon. Frank Calvin, Mayor

ENTITY

Bethany
Calumet
Choctaw
Crescent
Edmond
El Reno
Forest Park
Geary
Harrah
Jones City
Lexington
Luther
Mustang
Nichols Hills
Nicoma Park
Okarche
Oklahoma City
Piedmont
Spencer

BOARD MEMBERS ABSENT (Cont.)

Hon. David Bennett, Mayor
Hon. Trey Buck, Councilmember
Hon. Chad Fischer, Trustee
Hon. Tomas Manske, Commissioner
Hon. Rusty Grissom, Commissioner
Hon. Carrie Blumert, Commissioner

ENTITY

The Village
Tuttle
Union City
Canadian County
Cleveland County
Oklahoma County

ASSOCIATE MEMBERS ABSENT

Stephanie Wilson, Base Civil Engineer

ENTITY

Tinker Air Force Base

GUESTS PRESENT

Pete White
Jerry Steward
Michael Taylor, Assistant City Manager
Kara Cook, Town Administrator
Steve Griffith, Citizen

ENTITY/AGENCY/BUSINESS

ACOG Legal Counsel
Attorney
Nichols Hills
Goldsby
Moore

ACOG STAFF PRESENT

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

POSITION

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

MINUTES

1. CALL TO ORDER - INTRODUCTION OF GUESTS

Vice-Chair Matt Dukes called the meeting to order at 3:12 p.m.

2. APPROVAL OF MINUTES - APRIL 25, 2024

Director Steven Gentling made a motion to approve the April 25, 2024, minutes of the Garber-Wellington Association Policy Committee meeting. Director Kathy Griffith seconded the motion. The motion carried unanimously.

3. STAFF REPORT

A. DROUGHT UPDATE

We have now ended the El Nino cycle that has given us nice rains over the past year or so. In a few months, the effects of La Nina will begin, which means hotter temperatures and drier conditions. In other words, drought.

May 2024 was warmer than normal, which meant increased evaporation, and thus, less recharge to the aquifer. The recharge was only 0.17 inches; this is only about 36 percent of the normal recharge we get in May. May and June are the wettest months in Oklahoma; together they supply about a third of the annual recharge. On the bright side, much of the recharge was centered on Guthrie, which has had less than normal recharge for more than a year.

The years following El Nino events are generally warmer and drier than normal. Fortunately, surface water conditions are presently in decent shape. All reservoirs are at or near capacity. The aquifer has had good recharge in Cleveland County, but less so in Oklahoma and Logan Counties. As far as drought preparedness is concerned, we are in decent shape to manage a drought like the one we just recently had.

B. GARBER-WELLINGTON AQUIFER PROJECTS UPDATE

Work is ongoing on the 21604(b) federal grant. However, since ESRI has announced it will no longer support the old ARCMAP software that all the previous cross-section work utilized, the cross-section work will be migrated over to the newer ARCGIS Pro. Unfortunately, this is not a straightforward process and requires redoing at least a half dozen cross-sections.

This project will be the final phase of the sand mapping endeavor started in 2018. Several cross-sections in southern Oklahoma County will be updated and at least five additional cross-sections and net sand maps will be generated in Cleveland County, covering the Norman water well fields. Two strike lines (Line 46S and 48S) were completed and Sections 07D, 09D, 10S and 08S have been updated.

Surface water 208 work is now including the proposed City of Newcastle wastewater treatment plant expansion, in addition to the City of Noble expansion. Water Quality Analysis Simulation Program (WASP) modeling for the City of Noble treatment plant expansion is undergoing a second round of review by the Oklahoma Department of Environmental Quality (ODEQ) cross-sections and net sand maps will be generated in Cleveland County, covering the Norman water well fields. Two strike lines (Line 46S and 48S) are completed and Sections 05D, 06S, and 08S have been updated.

4. 2024 WATER-RELATED LEGISLATION

Twenty water-related bills were introduced during the 2024 legislative session. Only one (HB 3182) focused on drought management.

Of the water bills that ACOG tracked in the 2024 legislative session, only two bills (HB 3182 and SB 1914) were approved by the legislature and signed by the governor. HB 3182 authorizes the Oklahoma Department of Agriculture, Food and Forestry (ODAFF) secretary to convene the Emergency Drought Committee when the secretary declares that emergency drought conditions exist. The measure also allows the committee to approve expenditures from the Emergency Drought Relief Fund.

SB 1914 addresses the creation of irrigation districts. Now, only ten landowners are necessary to establish a groundwater irrigation district.

5. PROGRESS REPORT

- 1) For 2024, ACOG staff will focus on the 2021 604(b) project: Geologic Modeling Garber-Wellington Aquifer. This project will integrate and expand geophysical data from the Norman area into the existing database created by the 18604(b), 19604(b), and 20604(b) projects. Several cross-sections in southern Oklahoma County will be updated and at least five additional cross-sections and net sand maps will be generated in Cleveland County, covering the Norman water well fields.

In addition, the project will produce an aquifer-wide integrated 3D geologic model for integration into existing municipal groundwater models as part of future 604(b) projects. Work commenced in October 2023. Two strike lines (Line 46S and 48S) have been completed and Section 05D updated.

Due to the ESRI nonsupport of ArcMap, starting in 2026, all cross-section work is being migrated to ArcGIS Pro.

- 2) Surface water modeling on the Canadian River is being conducted for the Cities of Noble and Newcastle to evaluate impact of increased effluent from their municipal treatment plant discharges. The wasteload allocation model for Noble is under review at the Oklahoma Department of Environmental Quality.

3) Since the last Garber-Wellington Association Policy Committee (GWAPC) meeting, two drought reports have been completed.

6. NEW BUSINESS

There was no new business stated.

7. ADJOURN

There being no other business, the meeting was adjourned at 3:35 p.m.



SUBJECT
DROUGHT UPDATE

DATE:
AUGUST 29, 2024

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

In June we ended the El Nino cycle that has given us nice rains over the past year or so. Now the effects of La Nina are beginning, which means hotter temperatures and drier conditions. In other words, drought.

There were two stretches of mild weather during July, providing brief respites from the otherwise hot conditions. Two substantial cold fronts brought temperatures down 10-15 degrees below normal during these periods. Oklahoma City experienced seven consecutive days with highs below 90 degrees from July 17-23, and 10 days overall during the month.

Despite these cooler periods, there remained 15 days with triple-digit temperatures in the state, and heat index values exceeded 105 degrees on 14 days in July. Thus, despite the cooler weather and the occasional rain, no recharge to the aquifer happened.

Drought conditions in August expanded to where almost half of the state is now in drought. A large part of the drought-stricken area is from southwest Oklahoma to Osage County. Again, although Oklahoma City had a 6.59 inches rainfall event on August 11, recharge to the aquifer was minimal due to high evaporation rates that usually come with August.

The years following El Nino events usually are warmer and drier than normal. Fortunately, surface water conditions are presently in decent shape. All reservoirs are at or near capacity. The aquifer has had good recharge in Cleveland County, but less so in Oklahoma and Logan Counties. As far as drought preparedness is concerned, we are in decent shape to manage a drought like the one we just recently had.

ACTION REQUESTED:

For information only.



SUBJECT:

PROJECTS UPDATE - GARBER-WELLINGTON CROSS-SECTIONS AND SURFACE WATER MODELING

DATE:

AUGUST 29, 2024

FROM:

JOHN HARRINGTON
Water Resources Director

INFORMATION

Work is ongoing on the 21604(b) federal grant. However, since ESRI has announced it will no longer support the old ARCMAP software that all the previous cross-section work utilized, the cross-section work will be migrated over to the newer ARCGIS Pro. Unfortunately, this is not a straightforward process and requires redoing at least a half dozen cross-sections.

This project will be the final phase of the sand mapping endeavor started in 2018. Several cross-sections in southern Oklahoma County will be updated and at least five additional cross-sections and net sand maps will be generated in Cleveland County, covering the Norman water well fields.

Sections 46S, 48S, 08S, 07D, 33D, 38S have been completed. These sections have also been integrated into older sections 05D, 9D, 10S, and 06S, 08S. Five more sections through the City of Norman are anticipated.

Surface water 208 work is now including the proposed City of Newcastle wastewater treatment plant expansion, in addition to the City of Noble expansion. Water Quality Analysis Simulation Program (WASP) modeling for the City of Noble treatment plant expansion has been approved by the Oklahoma Department of Environmental Quality (ODEQ) and is now under review by the Environmental Protection Agency (EPA) in Dallas.

LAQUAL surface water quality models for Opossum and Cowbell Creek are up to date and submitted for review at the Oklahoma Department of Environmental Quality.

ACTION REQUESTED:

For information only.



SUBJECT:

2024 WATER-RELATED JUDICIAL RULINGS

DATE:

AUGUST 29, 2024

FROM:

JOHN HARRINGTON
Water Resources Director

INFORMATION:

Earlier this year the Supreme Court overturned the Chevron defense. The Chevron defense required courts to defer to agencies' reasonable interpretations of ambiguous statutes.

The decision threatens regulations on the environment, health care, consumer safety, nuclear energy, government benefit programs and guns. It also shifts power from agencies to Congress and to judges.

While the federal Environmental Protection Agency's final rule on per- and polyfluoroalkyl substances (PFAS) undertook a "totality of the circumstances" analysis, including a formal cost-benefit analysis, the challenge to this rulemaking is strengthened by the overturning of Chevron.

Absent the deference Chevron provided, challengers can offer the reviewing court multiple reasonable interpretations of what constitutes a "substantial danger" under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and the court will evaluate whether EPA's interpretation in this rulemaking was reasonable.

Possible consequences of the demise of the Chevron defense will be that the PFAs ruling implementation likely will be delayed. In addition, other rulings on contamination levels such as hexavalent chromium standards may be delayed or significantly changed. Finally, interpretation of "navigable waters" may be challenged.

ACTION REQUESTED:

For information only.



SUBJECT:
PROGRESS REPORT

DATE:
AUGUST 29, 2024

FROM:
JOHN HARRINGTON
Water Resources Director

INFORMATION:

- 1) For 2024, ACOG staff will focus on the 2021 604(b) project: Geologic Modeling Garber-Wellington Aquifer. This project will integrate and expand geophysical data from the Norman area into the existing database created by the 18604(b), 19604(b), and 20604(b) projects. Several cross-sections in southern Oklahoma County will be updated and at least five additional cross-sections and net sand maps will be generated in Cleveland County, covering the Norman water well fields.

In addition, the project will produce an aquifer-wide integrated 3D geologic model for integration into existing municipal groundwater models as part of future 604(b) projects. Work commenced in October 2023. Sections 46S, 48S, 08S, 07D, 33D, 38S have been completed. These sections have also been integrated into older sections 05D, 9D, 10S, and 06S, 08S. Five more sections through the City of Norman are anticipated.

Due to the ESRI nonsupport of ArcMap, starting in 2026, all cross-section work is being migrated to ArcGIS Pro.

- 2) Surface water modeling on the Canadian River is being conducted for the Cities of Noble and Newcastle to evaluate impact of increased effluent from their municipal treatment plant discharges. The wasteload allocation model for Noble was approved by the Oklahoma Department of Environmental Quality and is now under review at the Environmental Protection Agency in Dallas.
- 3) Since the last Garber-Wellington Association Policy Committee (GWAPC) meeting, two drought reports have been completed.

ACTION REQUESTED:
For information only.