



ASSOCIATION OF  
CENTRAL OKLAHOMA  
GOVERNMENTS



# GARBOR-WELLINGTON ASSOCIATION POLICY COMMITTEE



Chair

**Mark Hamm**

Moore Councilmember

Vice-Chair

**Matt Dukes**

Midwest City Mayor

Secretary/Treasurer

**David Bennett**

The Village Councilmember

Executive Director

**Mark W. Sweeney, AICP**

**AGENDA:** THURSDAY  
OCTOBER 26, 2023  
2:30 P.M.

Association of Central Oklahoma Governments

4205 N. Lincoln Blvd. | Oklahoma City, OK 73105 | 405.234.2264 | [acogok.org](http://acogok.org)

**THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE WILL HOLD A REGULAR MEETING ON THURSDAY, OCTOBER 26, 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](mailto:title.vi@acogok.org)), by 5 p.m. Monday, October 23, if you require accommodations pursuant to the Americans with Disabilities Act or Section 504 of the Rehabilitation Act.

## AGENDA

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1. **CALL TO ORDER** ([ATTACHMENT 1](#))
  2. **APPROVAL OF THE MINUTES - AUGUST 31, 2023** ([ATTACHMENT 2](#))
  3. **STAFF REPORT:** John Harrington, Water Resources Director. *For information only.*
    - A. Drought Update ([ATTACHMENT 3-A](#))
    - B. 208 Surface Water Projects ([ATTACHMENT 3-B](#))
    - C. Groundwater Projects 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, December 14, 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. Claudia Browne Councilmember
EDMOND	Hon. Barry K. Moore Councilmember	Hon. Darrell Davis Mayor
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	Hon. Bobby Allen Mayor
GOLDSBY	Hon. Glenn Berglan Trustee	Hon. Darrell Ingram Vice-Mayor
GUTHRIE	Hon. Steven J. Gentling Mayor	Hon. Adam Ropp Councilmember
HARRAH	Hon. Tim Rudek Councilmember	Hon. Jeff Brzozowski Councilmember
JONES CITY	Hon. Missy Wilkinson Mayor	Hon. Chris Calvert Trustee
LANGSTON CITY	No Designee	Hon. Magnus Scott 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. 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. James Wald Councilmember
NICHOLS HILLS	Hon. E. Peter Hoffman, Jr. Councilmember	Hon. Sody Clements Vice-Mayor
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. 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 Councilmember	Hon. Sean Cummings Vice-Mayor Hon. Melodie Moore Councilmember

## GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE

CITY/ORGANIZATION	MEMBERS	ALTERNATES
TUTTLE	No Designee	Hon. Austin Hughes Councilmember
UNION CITY	Hon. Pat Derosa Trustee	Hon. Keith Dennis Trustee
		Hon. Ryan Dawson Vice-Mayor
WARR ACRES	Hon. Roger Godwin Mayor	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. Rusty Grissom Commissioner	Hon. Rod Cleveland Commissioner
LOGAN COUNTY	Hon. Mark Sharpton Commissioner	Hon. Charlie Meadows 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)	Stephanie Wilson Base Civil Engineer	Brad Beam Deputy Base Civil Engineer



## ATTACHMENT 2

### SUBJECT:

### MINUTES OF THE GARBER-WELLINGTON ASSOCIATION POLICY COMMITTEE MEETING

### DATE:

AUGUST 31, 2023

A regular meeting of the Garber-Wellington Association Policy Committee was convened at 2:45 p.m., Thursday, August 31, 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. Mark Hamm, Councilmember

#### ENTITY

Moore

#### BOARD MEMBERS PRESENT

Hon. Cody Brewer, Councilmember  
Hon. Claudia Browne, Councilmember  
Hon. Glenn Berglan, Mayor  
Hon. Tim Rudek, Councilmember  
Hon. John Kenney, Trustee  
Hon. Matt Dukes, Mayor  
Hon. Phil Freeman, Mayor  
Hon. Larry Heikkila, Mayor  
Hon. Stephen Holman, Councilmember  
Hon. Matt Hinkle, Councilmember  
Hon. Leah Grady, Trustee  
Hon. David Bennett, Councilmember  
Hon. Roger Godwin, Mayor  
Hon. Vickie Douglas, Councilmember  
Hon. Shelli Selby, Mayor  
Hon. Rod Cleveland, Commissioner  
Hon. Mark Sharpton, Commissioner

#### ENTITY

Choctaw  
Del City  
Goldsby  
Harrah  
Lake Aluma  
Midwest City  
Noble  
Norman  
Norman  
Oklahoma City  
Slaughterville  
The Village  
Warr Acres  
Warr Acres  
Yukon  
Cleveland County  
Logan County

#### BOARD MEMBERS ABSENT

Hon. Kathy Larsen, Councilmember  
Hon. Terry Brungardt, Trustee  
Hon. Amy Neatherly, Mayor  
Hon. Rashanna Baker, Trustee  
Hon. Warren G. Carter, Councilmember  
Hon. Steven J. Gentling, Mayor  
Hon. Chris Calvert, Trustee  
No Designee  
Hon. Mike Donovan, Councilmember  
Hon. Terry Arps, Mayor  
Hon. Peter Hoffman, Councilmember  
Hon. Mark Cochell, Mayor  
Hon. Joe Frisby, Trustee  
Hon. Rob Jones, Councilmember

#### ENTITY

Bethany  
Calumet  
El Reno  
Forest Park  
Geary  
Guthrie  
Jones City  
Langston City  
Lexington  
Luther  
Nichols Hills  
Nicoma Park  
Okarche  
Piedmont

**BOARD MEMBERS ABSENT (Cont.)**

Hon. Frank Calvin, Mayor  
 Hon. Trey Buck, Councilmember  
 Hon. Charlie Ross, Vice-Mayor  
 Hon. Tomas Manske, Commissioner  
 Hon. Carrie Blumert, Commissioner

**ENTITY**

Spencer  
 Tuttle  
 Union City  
 Canadian County  
 Oklahoma County

**ASSOCIATE MEMBERS PRESENT**

Brad Beam, Deputy Base Civil Engineer

**ENTITY**

Tinker Air Force Base

**GUESTS PRESENT**

Justin Henry, Program Manager  
 Pete White, Attorney

**ENTITY/AGENCY/BUSINESS**

Oklahoma City  
 ACOG Legal Counsel

**ACOG STAFF PRESENT**

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

**POSITION**

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

## MINUTES

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**1. CALL TO ORDER - INTRODUCTION OF GUESTS**

Presiding Vice-Chair Mark Hamm called the meeting to order at 3:29 p.m.

**2. APPROVAL OF MINUTES - JUNE 29, 2023**

Director Phil Freeman made a motion to approve the June 29, 2023 minutes of the Garber-Wellington Association Policy Committee meeting. Director Matt Dukes seconded the motion. The motion carried unanimously.

**3. STAFF REPORT****A. DROUGHT UPDATE**

The drought outlook has significantly improved with the announcement from the Climate Prediction Center of an “El Nino Advisory.” In general, this means cooler and more importantly, wetter fall and winter months.

Oklahoma is coming slowly out of drought with just a couple of persistent drought areas still active. Jackson County in far southwest Oklahoma is still in severe drought, as is Kay and Osage Counties in northern Oklahoma. Abnormally dry areas have developed in southeastern Oklahoma but have not progressed to drought status yet.

The Garber-Wellington Aquifer over the past seven months (January to July) saw a cumulative recharge of 1.03 inches; this is about 52 percent of average. The distribution of the recharge has been dominant in the eastern areas of the aquifer, while municipalities such as Edmond and Yukon have received about half the average recharge.

Surface water conditions have improved remarkably due to the summer rainfall. Canton Lake went from 65 percent to essentially full in the past two months. All reservoirs are at or near capacity.

Most drought cycles in Oklahoma last 3-5 years. If the rainfall continues as the El Nino strengthens, drought could be eliminated in the latter part of 2023.

**B. 208 SURFACE WATER PROJECTS**

Progress has been made with the surface modeling projects. The Chisholm Creek, Opossum Creek, and Cowbell Creek models have been finished and reports completed.

Updates to the 208 Plan will be forthcoming on the Canadian River Water Quality Analysis Simulation Program (WASP) model. Changes and updates for Minco, Tuttle, and Noble will be made, reflecting expansions and changes to the wastewater treatment plant discharge locations and capacities.

**C. GROUNDWATER PROJECTS UPDATE**

For the next fiscal year, ACOG staff will be focused on the 2021 604(b) project: Geologic Modeling Garber-Wellington Aquifer. This project will integrate Norman data from the 2015 project into the existing database created by the 18604(b), 19604(b), and 20604(b) projects.

The project will create and/or update existing Norman cross-sections, as well as produce an aquifer-wide integrated 3D geologic model for future integration into existing municipal groundwater models as part of future 604(b) projects. Work will commence in September 2023.

Other work planned for September is the 22604(b) - Effects on Aquifer Recharge from the Proposed Turnpike in Norman, which will assess the effects on aquifer recharge from the proposed project. A quality assurance project plan under the new EPA guidelines will be submitted in September 2023.

**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, Director David Bennett made a motion to adjourn the meeting. Director Glenn Berglan seconded the meeting. The meeting adjourned at 3:05 p.m.





## ATTACHMENT 3-A

### **SUBJECT**

**DROUGHT UPDATE**

### **DATE:**

OCTOBER 26, 2023

### **FROM:**

**JOHN HARRINGTON**  
Water Resources Director

### **INFORMATION:**

The drought outlook has significantly declined over the past two months. Southern Oklahoma is now in the grip of severe to extreme drought that is intensifying. Although long-term forecasts indicate that the drought situation is supposed to improve, the near term indicators show dry weather for the next few weeks.

The Garber-Wellington Aquifer over the past nine months (January to September) saw a cumulative recharge of 1.03 inches; this is about 50 percent of average recharge for this time of the year. The distribution of the recharge has been dominant in the eastern areas of the aquifer, while municipalities such as Edmond and Yukon have received less than half the average recharge.

Surface water conditions have improved remarkably due to the summer rainfall. All reservoirs are at or near capacity.

Most drought cycles in Oklahoma last 3-5 years. Although we are in El Nino conditions, the expected cool and wet weather has not appeared yet. Drought appears to continue in the latter part of 2023.

### **ACTION REQUESTED:**

For information only.



## ATTACHMENT 3-B

### **SUBJECT:**

**208 SURFACE WATER PROJECTS**

### **DATE:**

OCTOBER 26, 2023

### **FROM:**

**JOHN HARRINGTON**  
Water Resources Director

### **INFORMATION:**

Progress has been made with the surface modeling projects. The Chisholm Creek, Opossum Creek, and Cowbell Creek models have been finished and reports completed.

Updates to the 208 Plan will be forthcoming on the Canadian River. Potential upgrades to sewage discharge systems in Minco and Noble have been modeled by updating the Water Quality Analysis Simulation Program (WASP) model on the Canadian River with the proposed effluent changes.

Two models have been run for the City of Noble. One model is a direct discharge to the Canadian River. The other is a discharge to Bell Creek, which discharges about 5 km downstream to the Canadian River.

One model has been run for Minco, changing the discharge location from Buggy Creek to a direct discharge into the Canadian River at the US-81 bridge.

### **ACTION REQUESTED:**

For information only.



**SUBJECT:**

**GROUNDWATER PROJECTS UPDATE**

**DATE:**

OCTOBER 26, 2023

**FROM:**

**JOHN HARRINGTON**  
Water Resources Director

**INFORMATION:**

The draft report for the 2020 604(b) Project: Guthrie Area was submitted in June 2023. EPA has approved the final report, and the project is closed.

For the next fiscal year, ACOG staff will be focused on the 2021 604(b) project: Geologic Modeling Garber-Wellington Aquifer. This project will integrate Norman data from the 2015 project into the existing database created by the 18604(b), 19604(b), and 20604(b) projects.

The project will create and/or update existing Norman cross-sections, as well as produce an aquifer-wide integrated 3D geologic model for future integration into existing municipal groundwater models as part of future 604(b) projects. Work will commence in October 2023.

A quality assurance project plan under the new EPA guidelines has been submitted for the project *22604(b) - Effects on Aquifer Recharge from the Proposed Turnpike in Norman*, which will assess the effects on aquifer recharge from the proposed turnpike project.

Other quality assurance documents submitted to EPA this fall is the overall *Quality Management Program* document which describes the overall ACOG quality assurance program.

Workplans have been approved by EPA for two new 604(b) projects: the City of Norman Groundwater Model Update and the City of Noble Well Field Groundwater Model. The model update will include the net sand mapping of the 2021 604(b) project. The Noble groundwater model will be a secondary model to the overall Norman project.

**ACTION REQUESTED:**

For information only.



**SUBJECT:**  
**PROGRESS REPORT**

**DATE:**  
OCTOBER 26, 2023

**FROM:**  
**JOHN HARRINGTON**  
Water Resources Director

**INFORMATION:**

**ACOG Drought Program**

The drought outlook has significantly declined over the past two months. Southern Oklahoma is now in the grip of severe to extreme drought that is intensifying. Although long-term forecasts indicate that the drought situation is supposed to improve, the near term indicators show dry weather for the next few weeks.

The Garber-Wellington Aquifer over the past nine months (January to September) saw a cumulative recharge of 1.03 inches; this is about 50 percent of average recharge for this time of the year. The distribution of the recharge has been dominant in the eastern areas of the aquifer, while municipalities such as Edmond and Yukon have received less than half the average recharge.

Surface water conditions have improved remarkably due to the summer rainfall. All reservoirs are at or near capacity.

Most drought cycles in Oklahoma last 3-5 years. Although we are in El Nino conditions, the expected cool and wet weather has not appeared yet. Drought appears to continue in the latter part of 2023.

**2020 604(b) Project: Guthrie Area**

The draft report for the 2020 604(b) Project: Guthrie Area was submitted in June 2023. EPA has approved the final report and the project is closed.

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

The workplan has been accepted and the Quality Assurance Project Plan (QAPP) has been approved by the Environmental Protection Agency (EPA). Work is expected to start October 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 2015 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 accepted and the Quality Assurance Project Plan (QAPP) has been approved by the EPA.

**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.

The workplan proposal has been approved by the EPA. The quality assurance project plan (QAPP) has been submitted.

### **New Groundwater Projects**

Workplans have been approved by EPA for two new 604(b) projects: the City of Norman Groundwater Model Update and the City of Noble Well Field Groundwater Model. The model update will include the net sand mapping of the 2021 604(b) project. The Noble groundwater model will be a secondary model to the overall Norman project.

### **TECHNICAL ASSISTANCE 208 SURFACE WATER PROJECTS**

The Chisholm Creek, Opossum Creek, and Cowbell Creek models have been finished and reports completed.

Two models have been run for the City of Noble. One model is a direct discharge to the Canadian River. The other is a discharge to Bell Creek, which discharges about 5 km downstream to the Canadian River.

One model has been run for Minco, changing the discharge location from Buggy Creek to a direct discharge into the Canadian River at the US-81 bridge.

Reports have been completed and submitted for both the Noble and Minco projects.

### **ACTION REQUESTED:**

For information only.