



Technical Customer Advisory Committee

AGENDA

Members

David Brookshire	Elaine Hebard
Amy Ewing	Laura McCarthy
Laurie Firor	Ege Richardson
Mike Hightower	Scott Verhines
Dave Hill	

Thursday, July 7, 2016	4:00 PM	ABCGC – 7th Floor Conference Room 7096
1.	Call to Order – Note presence of quorum, Introductions	4:00-4:05
2.	Approval of Agenda	4:00-4:05
3.	Approval of June 6, 2016 Action Summary	4:00-4:05
4.	Review of Customer Conversation Meetings	4:05-4:20
5.	Policy Framework	4:20-5:00
6.	Public Comment	5:00-5:05
7.	Final Comments or Questions	5:05-5:10
8.	Adjournment	5:10

NOTICE TO PERSONS WITH DISABILITIES: If you have a disability and require special assistance to participate in this meeting, please contact the Water Utility Authority Office, Suite 5012, Albuquerque/Bernalillo County Government Center, phone 289-3100, as soon as possible prior to the meeting date.



Technical Customer Advisory Committee

ACTION SUMMARY

June 2, 2016

Members Present:

David Brookshire
Amy Ewing
Laurie Firor
Elaine Hebard
Dave Hill
Laura McCarthy
Ege Richardson
Scott Verhines

Members Excused:

Mike Hightower

Water Authority Staff Present:

Frank Roth, Senior Policy Manager
John Stomp, Chief Operations Officer
Katherine Yuhas, Water Conservation Officer
Rick Shean, Water Quality Hydrologist

Consultants Present:

David Jordan, INTERA Inc.
Greg Gates, CH2M

Others Present:

Richard Starr

Item 1 – Call to Order - Note presence of quorum

The meeting was called to order at 4:03 pm by Chair Laurie Firor.

Item 2 – Approval of Agenda

Dave Hill made a motion to approve the agenda. Amy Ewing seconded the motion. The motion passed on an 8-0 vote.

For: 8	Brookshire, Ewing, Firor, Hebard, Hill, McCarthy, Richardson, Verhines
Against: 0	
Excused: 1	Hightower

Item 3 – Approval of May 5, 2016 Action Summary

Scott Verhines made a motion to approve the action summary as amended. David Brookshire seconded the motion. The motion passed on an 8-0 vote.

For: 8 Brookshire, Ewing, Firor, Hebard, Hill, McCarthy, Richardson, Verhines
Against: 0
Excused: 1 Hightower

Item 4 – Presentation on Drinking Water Project Operations & Water Resources Management Strategy Update

John Stomp provided an overview of the Drinking Water Project Operations. He discussed operational issues, permit conditions, and constraints. TCAC members provided comments on Section 6 – Filling Future Gaps in Supply.

Item 5 – Portfolio Evaluation

David Jordan reviewed the supply gaps and the ranking of alternatives. He provided three portfolio examples under Medium Supply/Demand conditions. TCAC members reviewed graphs and detailed accounting of the portfolio including supplies used to meet demand, available return flows, supply gaps, and groundwater reserve drawdown.

Item 6 – Public Comment

None.

Item 7 – Final Comments and Questions

None.

Item 8 – Adjournment

The meeting concluded at 6:06 pm.

Policy Framework

**ABCWUA TCAC MEETING
JULY 7, 2016**

Policy Framework

Guiding Principles

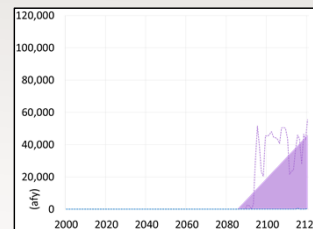
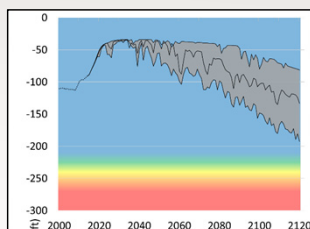
- Majority of existing policies remain
- Build on the framework of the 1997 WRMS and 2007 WRMS
- Add new policies or modify existing policies based on new information and understanding
- Long-term management of groundwater is more conservative than previous strategies
- Set the stage for Adaptive Management in the future

2007 WRMS Policy	2017 WRMS Policy
A. Update and Maintain a Water Budget	A. Implement a Long-term Adaptive Management Water Budget Planning Framework
B. Balance Demand with Renewable Supply by Using San Juan-Chama Water as the Primary Source of Supply	B. Fully Utilize and Protect Existing Water Rights and Resources
C. Establish and Maintain a Groundwater Drought Reserve	C. Establish and Maintain a Groundwater Reserve
D. Update and Maintain the Water Conservation Strategy	D. Update and Maintain the Water Conservation Strategy
E. Support Regional Water Resources Planning and Management	E. Support Regional Water Resources Planning and Management
F. Pursue the Conjunctive Management of Available Water Resources	F. Utilize Conjunctive Management and Diversify the Water Resources Portfolio
G. Develop and Implement Long-Term Water Acquisition Plan	G. Develop and Implement Long-Term Water Acquisition Plan
H. Implement the Water Quality Protection Policy and Action Plan	H. Implement the Water Quality Protection Policy and Action Plan
I. Equitably Incorporate the Costs of Providing a Safe and Sustainable Water Supply Into Rates	Completed and Codified in the Rate Ordinance (1-1-3 F, 1-1-1 H, 1-1-8 C)
NEW POLICY	I. Protect and Enhance Storage of Native and San Juan-Chama Water
J. Protect Valued Environmental and Cultural Resources in the Region	J. Protect Valued Environmental and Cultural Resources
K. Preserve and Enhance the Quality of Life in the Region	H. Preserve and Enhance the Quality of Life in the Region
L. Link Land Use Planning with Water Management	I. Link Land Use Planning with Water Management
M. Encourage and Facilitate Public Involvement and Support	J. Encourage and Facilitate Public Involvement and Support

- No change
- Identical policy with broadened language
- New policy
- Removed and moved to rate ordinance

Policy A. Water Budget Planning and Reporting

- Adaptive management strategy (AMS)
- AMS is an iterative process for decision-making in the face of uncertainty
- Course changes can be made in the future as needed, based on new technical information and annual reporting
- Annual reporting and updates of the strategy every decade (or sooner as needed or requested by the Board)



Policy B. Fully Utilize and Protect Existing Water Rights and Resources



- Meeting current and future demands will require protection of and full utilization of our current water rights and water resources
- Transition to other renewable supplies (reuse) when available and appropriate
- Limit the use of groundwater except when exercising wells, providing supply during peak demand periods, droughts or when surface water supplies are not available

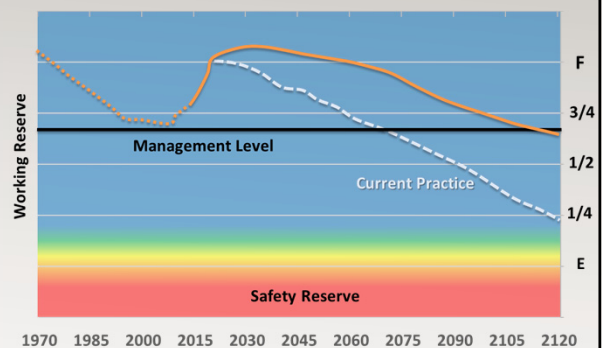
2007 WRMS Policy: Section 3 from the 2007 WRMS and Policy B. Balance Demand with Renewable Supply by Using San Juan-Chama Water as the Primary Source of Supply

Policy C. Establish and Maintain a Groundwater Reserve



- Conservation and the DWP have led to aquifer recharge and rising aquifer levels
- Refrain from current groundwater practice
- Safety Reserve for unexpected events
- Working Reserve for use during the planning period up to management level
- Millions of acre-feet remain in the aquifer (working reserve) at the end of the planning period
- More conservative than the previous strategy

2007 WRMS Policy C: Establish and Maintain a Groundwater Drought Reserve



Policy D. Update and Maintain the Water Conservation Strategy



- Water conservation has proven to be a powerful tool for managing water resources over the last 20 years
- Overall reduction in production from 125,000 af in 1995 to approximately 98,000 af in 2015, even with growth in population
- Further conservation is a key element of the 2017 WRMS
- Conservation is the primary way in which customers participate in securing our water future

2007 WRMS Policy D: Update and Maintain the Water Conservation Strategy



Policy E. Support Regional Water Resources Planning and Management



- Work in cooperation with other entities in the Middle Rio Grande Valley on implementation of the regional water plan and seek common solutions
- Continue our proactive role to ensure that necessary technical investigations are completed (i.e. USGS)
- Prepare for basin adjudication while also seeking alternative legal strategies such as negotiated settlements
- Cooperate with MRGCD in developing and implementing a Farm to Table Program
- Promote and cooperate in development of green infrastructure



2007 WRMS Policy E: Support Regional Water Resources Planning and Management

Policy F. Utilize Conjunctive Management and Diversify Water Resources Portfolio



- Surface water for municipal and industrial supply and irrigation, groundwater for filling gaps, drought and peaking, ASR for municipal and industrial supply, reuse water for irrigation
- A diversified water-resources portfolio provides more resilience in the face of uncertainty
- Groundwater use is a key component of the strategy, using the guiding principle of the management level within the Working Reserve
- Be opportunistic in using sources that may only be available sporadically (excess San Juan-Chama water, relinquishment credit water, etc.)

2007 WRMS Policy F: Pursue the Conjunctive Management of Available Water Resources

Policy G. Develop and Implement Long-Term Water Resources Acquisition Plan



- Continue work to secure additional sources for the future as needed
- These may include sources such as stormwater, imported water, brackish groundwater, etc.
- Seek legislative change where needed, for example legislation to allow for water leasing and banking on local, regional, state and interstate levels
- Current plan does not rely on additional acquisition of Pre-1907 water rights



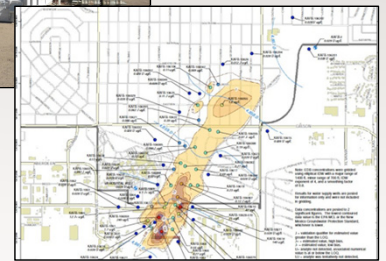
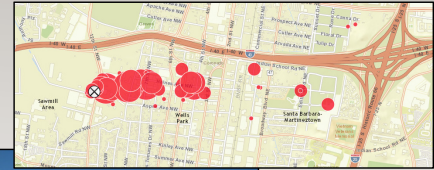
2007 WRMS Policy G: Develop and Implement Long-Term Water Acquisition Plan

Policy H. Implement the Water Quality Protection Policy and Action Plan



- Based on Albuquerque/Bernalillo County Water Quality Protection Policy and Action Plan (County Resolution No. AR 121-93 and City Enactment No. 81-1994)
- The Plan was updated in 2009 to include protection of surface water
- Continue our proactive role in monitoring of the KAFB Jet Fuel Cleanup and other sites
- Protection and cleanup of contamination sites is of paramount importance

2007 WRMS Policy H: Implement the Water Quality Protection Policy and Action Plan



Policy I. Protect and Enhance Storage of Native and SJC Water



- Additional storage of native and San Juan-Chama water will allow for flexibility to utilize the Water Authority's water rights
- Additional storage provides a buffer against periods of low surface-water availability
- Seek additional off-channel storage to capture and utilize reuse water for future use
- Cooperate with ISC to implement Rio Grande Compact pool in Abiquiu Reservoir



2007 WRMS Policy: Overview, Section C

Policy J. Protect Valued Environmental and Cultural Resources

- Protect the aquifer, Bosque and Rio Grande as resources of great economic, ecological, aesthetic and cultural value
- Encourage the state to recognize in-stream flow as a beneficial use
- Cooperate with other entities to develop and implement watershed restoration efforts
- Continue to support and participate in the Endangered Species Collaborative Program
- Implement environmental pool in Abiquiu
- Dedicate 10% of all new pre-1907 water rights purchased go into the environmental pool

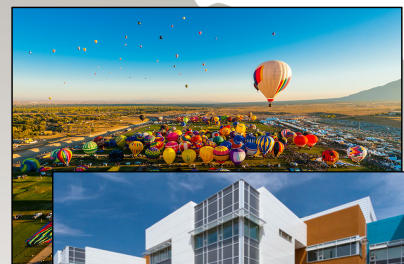
2007 WRMS Policy J: Protect Valued Environmental and Cultural Resources in the Region



Policy K. Preserve and Enhance the Quality of Life in the Region

- The Water Authority recognizes its obligation to protect and enhance the quality of life within the region
- The Water Authority strives to provide sustainable water services
- Promote water-efficient green spaces
- Focus on green energy and reducing the carbon footprint of the Water Authority

2007 WRMS Policy K: Preserve and Enhance the Quality of Life in the Region



Policy L. Link Land Use Planning with Water Management



- The Water Authority Governing Board consists of elected officials from the City of Albuquerque, Bernalillo County and Village of Los Ranchos
- Future growth and development in the region requires coordination to integrate land use, transportation, infrastructure, economic improvement, urban infill and planning efforts with water resources management
- Adaptive Management facilitates this process by re-evaluating demand and supply in an iterative fashion

2007 WRMS Policy L: Link Land Use Planning with Water Management



Policy M. Encourage and Facilitate Public Involvement



- An informed public can help shape the policies that are the foundation of the WRMS
- The public then contributes to the successful implementation of water resource management solutions, because they have been part of their design
- Children who attend Water Authority field trips will know the value of water and be wise stewards of our resources for many years to come
- Interactive public outreach for new programs and projects

2007 WRMS Policy M: Encourage and Facilitate Public Involvement and Support

