



Technical Customer Advisory Committee

AGENDA

Members

Melissa Armijo
Janie Chermak
Deborah Dixon
Robert Fowlie
Tess Houle

Erwin Melis
Amy Miller
Ron Schwarzwald
Paul van Gulick

In response to the Governor's declaration of a Public Health Emergency and ban on large public gatherings, the Technical Customer Advisory Committee meeting on Thursday, August 6, will be held via video conference starting at 4:00 PM.

Members of the public have the ability to view the meeting and provide public comment by joining the video conference. To request login information for this meeting, contact Luz del Carmen Carreon at lcarreon@abcwua.org or 505-289-3100. Requests for login must be received before 2pm on Thursday, August 6, 2020.

Thursday, August 6, 2020	4:00 PM	via video conference
1. Call to Order		4:00-4:05
2. Approval of Agenda		4:05-4:10
3. Approval of June 11, 2020 Action Summary		4:10-4:15
4. Presentation on Website Redesign		4:15-4:45
5. Presentation on Status of Rio Grande Flows and Water Authority's San Juan Chama Operations		4:45-5:15
6. Presentation on Water Conservation Update		5:15-5:55
7. Public Comment		5:55-6:00
8. Adjournment		6:00

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 11, 2020

Members Present:

Janie Chermak
Deborah Dixon
Robert Fowlie
Tess Houle
Erwin Melis
Amy Miller
Ron Schwarzwald
Paul van Gulick

Members Excused:

Melissa Armijo

Water Authority Staff Present:

Scott Salvas, Chief Operating Officer
Elizabeth Anderson, Chief Planning Officer

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Item 1 – Call to Order - Note presence of quorum

The meeting was called to order at 4:02 pm by Chair Amy Miller.

Item 2 – Approval of Agenda

Janie Chermak made a motion to approve the agenda. Erwin Melis seconded the motion. The motion passed on an 8-0 vote.

For: 8 Chermak, Dixon, Fowlie, Houle, Melis, Miller, Schwarzwald, van Gulick
Against: 0
Excused: 1 Armijo

Item 3 – Approval of May 7, 2020 Action Summary

Paul van Gulick made a motion to approve the action summary. Ron Schwarzwald seconded the motion. The motion passed on an 8-0 vote.

For: 8 Chermak, Dixon, Fowlie, Houle, Melis, Miller, Schwarzwald, van Gulick
Against: 0
Abstain: 0
Excused: 1 Armijo

Item 4 – Presentation on Water System Overview

Scott Salvas gave a presentation that provided an overview of the water system and how it operates. This presentation was repeated from February 6, 2020, for the benefit of new TCAC members and those TCAC members who were not able to attend the original presentation.

Item 5 – Public Comment

Public comments received were sent to the TCAC members via email before the meeting.

Item 6 – Adjournment

Paul van Gulick made a motion to approve the action summary. Erwin Melis seconded the motion. The meeting concluded at 5:09 pm.

OPTIONS: WEBSITE GRAPHICS

REDESIGN PROJECT 2020



1

Current Website: Home Page & Interiors



2

New Home Page Options



3

Committee Selection: "GHOST IMAGE"

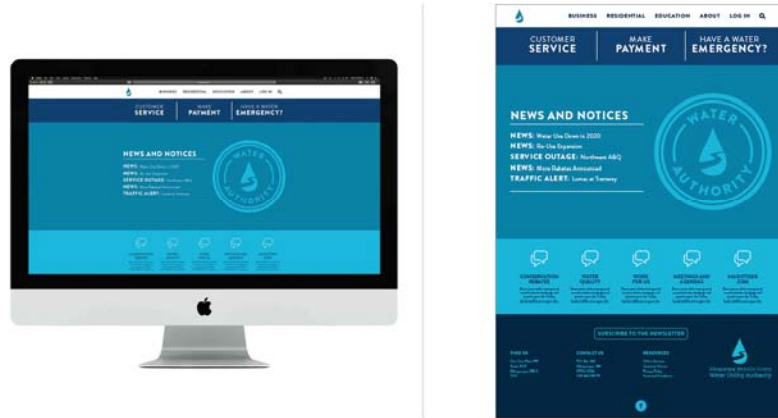
OPTION 1A: GHOST IMAGE



4

Committee Selection: "STRIPES"

OPTION 2: STRIPES



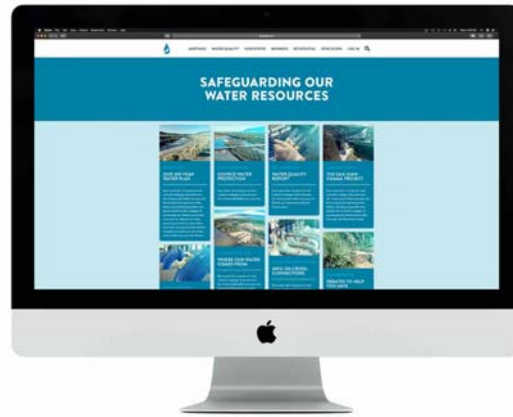
5

New Interior Page Options



6

Committee Selection: Option A



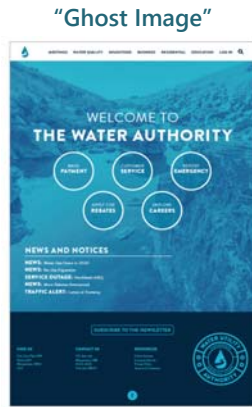
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Committee Selection: Option B



8

What's YOUR Preference?



Status of Rio Grande Flows and Water Authority's San Juan Chama Operations

Rick Shean, Water Rights Program Manager
Albuquerque Bernalillo County Water Utility Authority

Aug. 6, 2020



1

2020 – 21 Runoff Forecast

Well below average spring runoff flows , but near average monsoon expected.

Flows at Central gage projected to get to around 100 cfs at lowest flows.

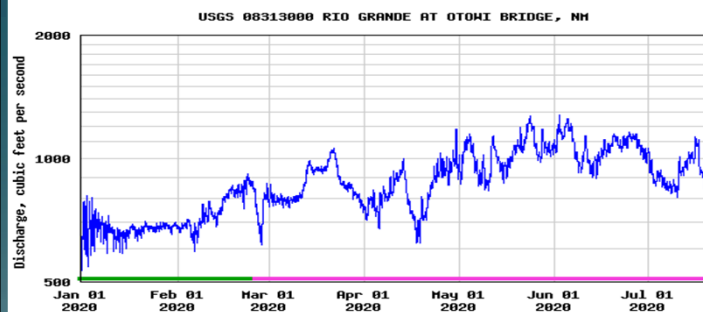
Diversion may be shut down four months.



2

2020 April Flow Forecast

Otowi



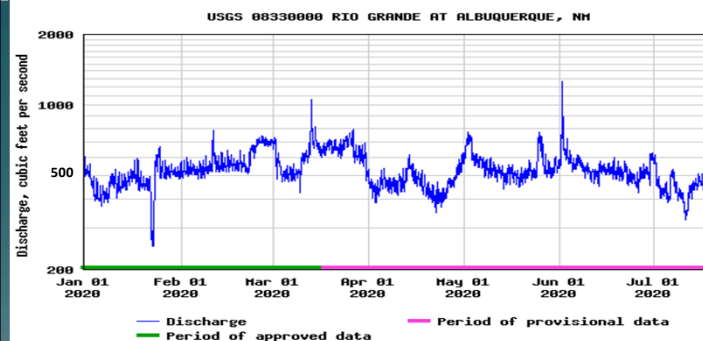
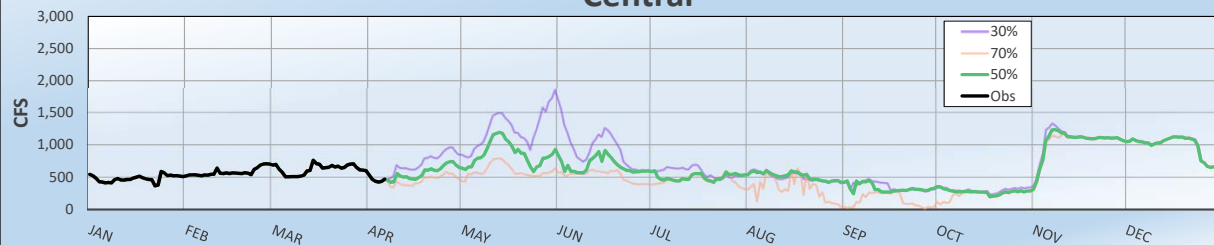
Actual flows
to mid-July

Albuquerque Bernalillo County
Water Utility Authority

3

2020 April Flow Forecast

Central



Actual flows
to mid-July

Albuquerque Bernalillo County
Water Utility Authority

4

Flow Changes at Alameda Bridge (West)



June 29

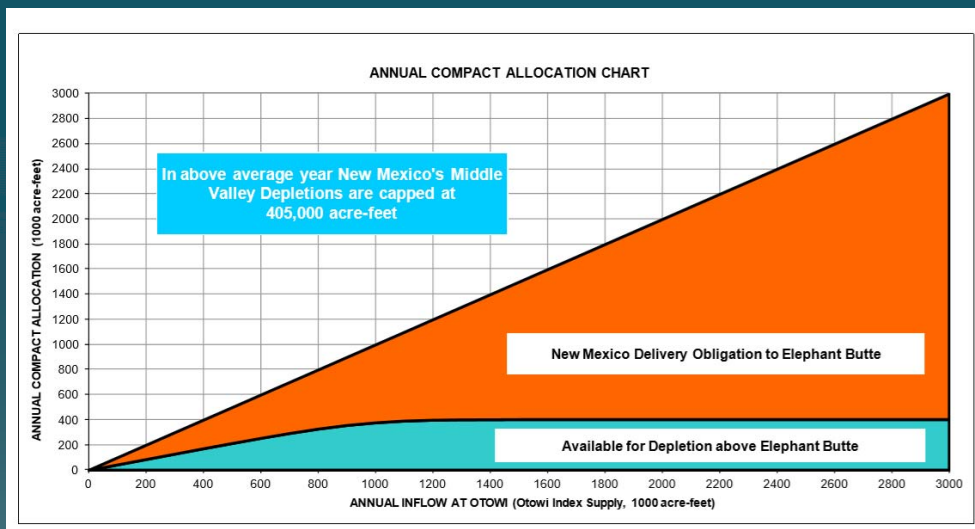


July 24

 Albuquerque Bernalillo County
Water Utility Authority

5

Rio Grande Compact – Water Allocations



Otowi Index Supply (Source: NMISC, 2019)

 Albuquerque Bernalillo County
Water Utility Authority

6

Texas v. New Mexico

Litigation is ongoing and stems from operation agreement between Federal government and the Elephant Butte Irrigation District No. 1 put in place in 2008.

Texas filed briefs due to pumping effects on the stretch of RG below Elephant Butte Reservoir.



Elephant Butte Reservoir

7

US Bureau of Reclamation Supplemental Water Program

Purpose is to provide minnow water flows during irrigation season.



Huge Silvery Minnow

8

Water Authority's Recent Contributions to Supplemental Flows

- | | |
|------|---|
| 2018 | Lease of 20,000 a-f to US Bureau of Reclamation for supplemental flows. |
| 2019 | Held over SJC water in El Vado to help with environmental flows in Chama River |
| 2020 | Releasing SJC water from Heron early to provide for environmental flows in Chama River. |
- Releasing SJC water for Alameda nonpotable diversion and assist with keeping Rio Grande wet through Albuquerque stretch.



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Rio Grande Compact – Article VI / Debit Status

Art. VI caps NM's debit status to TX to 200,000 acre-feet (a-f), among other things.

Operators of post-1929 reservoirs must retain the amount of debit in native Rio Grande water in storage.

2019 debit is ~39,000 a-f that was stored in El Vado and Nichols reservoirs.



El Vado Reservoir



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This Year's Operations

Art. VII restriction in effect starting June 19.

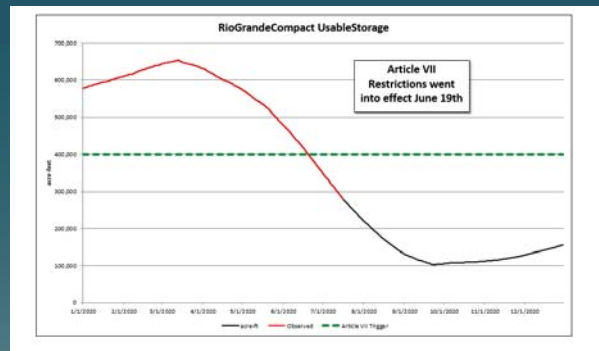
Water Authority curtailed diversions to the Drinking Water Plant on June 30 to last until fall.

RG Compact Commission approved the release of the Art. VI debit water from El Vado for efficient use in the Middle Valley.

(Source: NMISC, 2020)



DWP Diversion



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Thank you

Any questions?

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Water Conservation Update

Carlos Bustos, Water Conservation Program Manager
Albuquerque Bernalillo County Water Utility Authority

Aug. 6, 2020

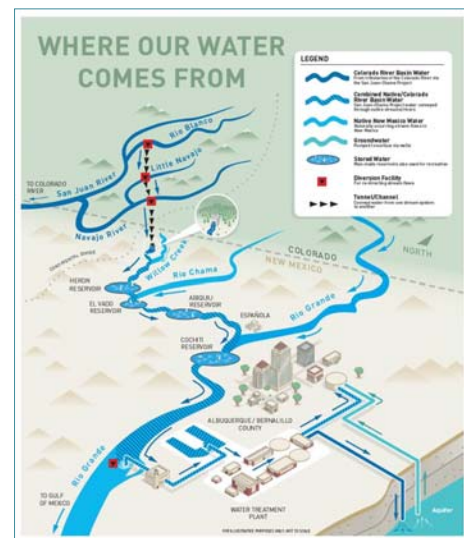
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Albuquerque Bernalillo County Water Utility Authority

Political subdivision of the State of New Mexico
(established in 2003)

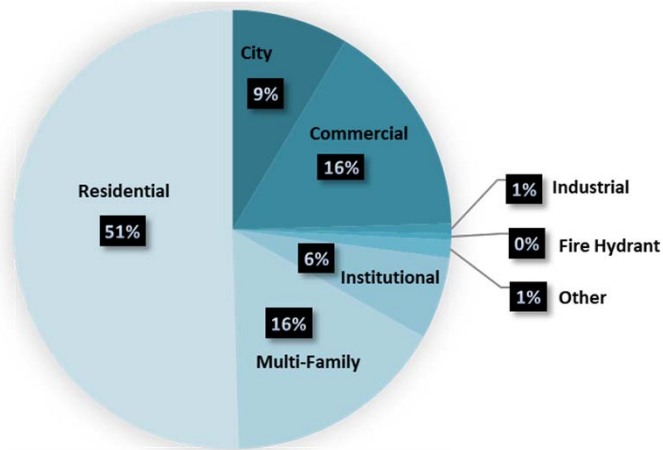
- ~ 650 Employees
- ~ **212,000** Customer Accounts
- ~ **686,000** People Served
- ~ **3,200** Miles of Supply Pipeline
- ~ **2,500** Miles of Sewer Collector Pipeline

- ✓ 96 Groundwater Wells
- ✓ San Juan-Chama Surface Water
- ✓ Reuse and Non-Potable Lines



2

Total Water Use by Customer Class (current)



3

Meeting the Demand

- Managing existing supplies (with a GW level management)
- **Conservation – 110 GPCD in 20 years**
- Reuse – includes ASR projects and
 - Connect North I-25 Non-potable to Southside Reuse
 - Indirect potable reuse
- Storm water capture
- Watershed management



4



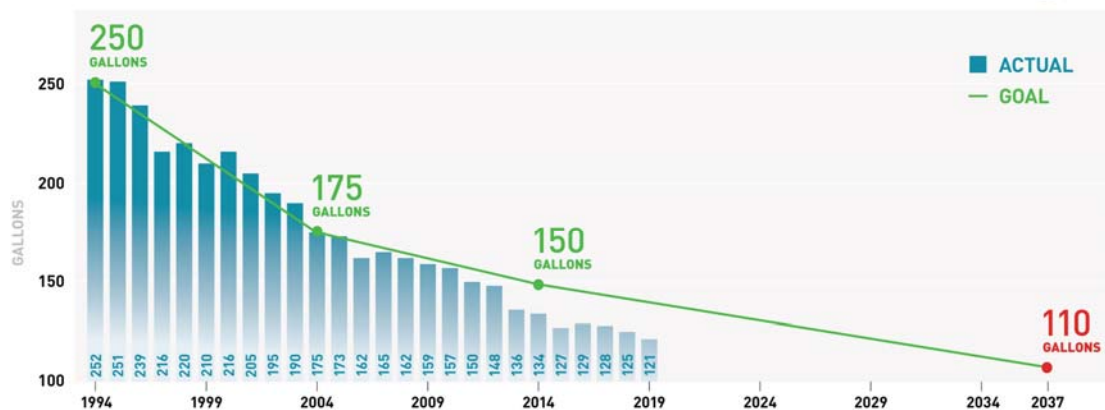
Conservation

Water Resources Division

Water 2120 Policy D Continued progress in conservation to achieve a gallons per capita per day (GPCD) water usage of 110 will further extend our water supplies even in the face of climate change. The Authority shall utilize the conservation program to reduce GPCD to 110 by 2037.

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Gallons Per Capita Per Day, 1994-2037



700 million fewer gallons in 2019 than in 2018.
That's 4 GPCD less than last year!

2019 Rainfall = 10.8"
2018 Rainfall = 11.4"

6









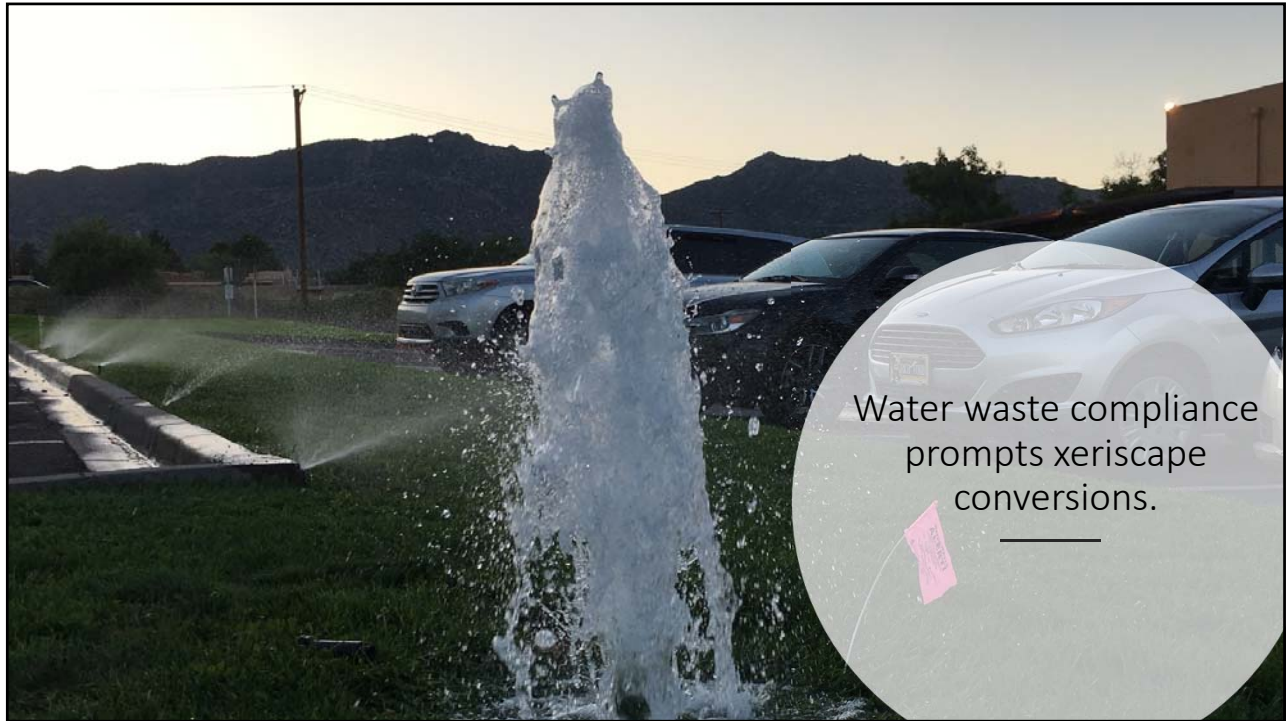


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WATER SMART WORKSHOPS



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Customer Incentives (Rebates)

Customers replaced 14 million square feet of high-water use turf with a desert friendly xeriscape.

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Achieving outdoor
efficiency is our focus
over the next 10 years



13



New Campaign

14

Conservation Program: program rebates and incentives:

- 505 website and newsletter to educate customers about desert-friendly landscape irrigation practices: currently reaching 54,000 customers monthly
- A consumptive-use focused rebate portfolio for customers. Visit www.505outside.com for all listed rebates.
- Analytical tools and reports for AMI irrigation-only accounts by individual sites and for agency partners
- Evolution of the Water Waste program to focus more on customer engagement and education
- Widespread community involvement in creating guidelines and standards regarding landscape design, maintenance, and water recommendations
- Outreach to all customer classes to participate in free irrigation efficiency consultations.
- Water Smart Academy: a training hub for professional landscapers



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