



Technical Customer Advisory Committee

AGENDA

Members

Melissa Armijo
Andrew Bernard
Janie Chermak
Robert Fowlie
Dave Hill

Erwin Melis
Amy Miller
Ron Schwarzwaldner
Scott Verhines

Thursday, September 5, 2019

4:00 PM

ABCGC – 7th Floor
Conference Room 7096

- | | |
|--|-----------|
| 1. Call to Order | 4:00-4:05 |
| 2. Approval of Agenda | 4:00-4:05 |
| 3. Approval of August 8, 2019 Action Summary | 4:00-4:05 |
| 4. Presentation on Water Conservation Update & Proposed Awards Program | 4:05-4:55 |
| 5. Public Comment | 4:55-5:00 |
| 6. Adjournment | 5:00 |

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

August 8, 2019

Members Present:

Janie Chermak
Robert Fowlie
Dave Hill
Erwin Melis
Amy Miller
Ron Schwarzwaldner

Members Excused:

Melissa Armijo
Andrew Bernard
Scott Verhines

Water Authority Staff Present:

Diane Agnew, Environmental Manager
Kate Mendoza, Water Resources Specialist
Elizabeth Anderson, Chief Innovation and Performance Manager
Frank Roth

Item 1 – Call to Order - Note presence of quorum

The meeting was called to order at 4:05 pm by Chair Janie Chermak.

Item 2 – Approval of Agenda

Ron Schwarzwaldner made a motion to approve the agenda. Dave Hill seconded the motion. The motion passed on a 5-0 vote.

For: 5	Chermak, Fowlie, Hill, Melis, Schwarzwaldner
Against: 0	
Excused: 4	Armijo, Bernard, Miller, Verhines

Item 3 – Approval of June 6, 2019 Action Summary

Ron Schwarzwaldner made a motion to approve the action summary. Robert Fowlie seconded the motion. The motion passed on a 4-0 vote.

For: 4 Fowlie, Hill, Melis, Schwarzwaldner
Against: 0
Abstain: 1 Chermak
Excused: 3 Armijo, Bernard, Miller, Verhines

Amy Miller joined the meeting at this time.

Item 3a – Welcome to New Members

Chair Janie Chermak added an agenda item to welcome the new TCAC members, Robert Fowlie and Erwin Melis.

Item 4 – Presentation on the Kirtland Air Force Base, Bulk Fuels Facility

Diane Agnew provided an overview of the Kirtland Air Force Base Bulk Fuels Facility jet fuel leak and cleanup efforts. She reviewed the history of the site, discussed interagency coordination and the Water Authority's role supporting the cleanup effort, provided an overview of project activities and challenges, and discussed next steps.

Item 5 – Presentation on the Environmental Monitoring: Rio Grande Silvery Minnow

Kate Mendoza provided an overview of the Water Authority's Environmental Monitoring Program for the Rio Grande Silvery Minnow. She discussed environmental requirements for the Rio Grande Silvery Minnow issued under the 2004 Biological Opinion for the San Juan-Chama Drinking Water Project. She reviewed habitat restoration efforts and ongoing commitments, such as support for the Silvery Minnow Refugium at the BioPark, Middle Rio Grande Endangered Species Collaborative Program, fish and habitat monitoring, and ongoing research. She discussed the results of fish monitoring and research, including preliminary monitoring data collected this summer.

Item 6 – Public Comment

None.

Item 7 – Adjournment

The meeting concluded at 5:18 pm.

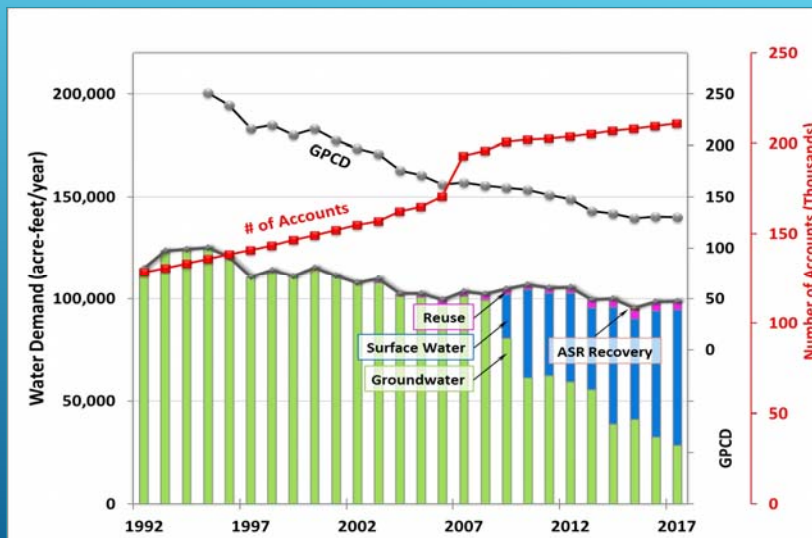
WATER CONSERVATION UPDATE & PROPOSED AWARDS PROGRAM

Presented By Carlos Bustos
Water Conservation Program Manager



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Decreasing Demand, Increasing Resiliency



2

Water 2120: Updated Conservation Plan

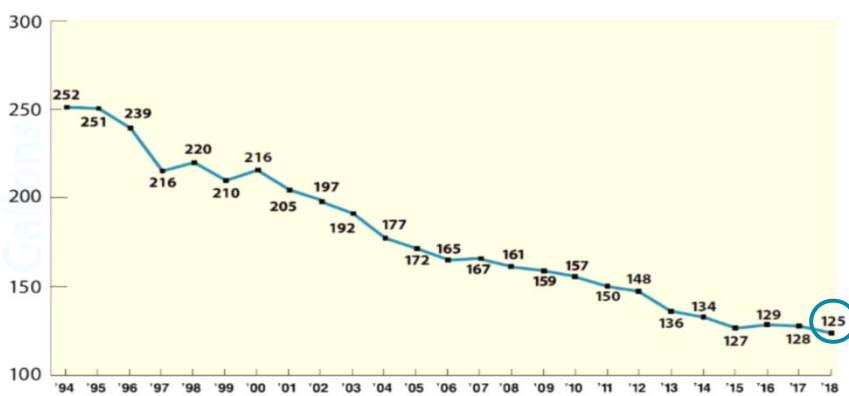


Water 2120 Policy D Continued progress in conservation to achieve a gallons per capita per day (GPCD) water usage of 110 will further extend our water supplies even in the face of climate change. The Authority shall utilize the conservation program to reduce GPCD to 110 by 2037.



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**Gallons Per Capita Per Day
1994 - 2018**



Albuquerque Bernalillo County
Water Utility Authority



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- 20 years of conservation programs were evaluated to see what changes needed to be made to reach new goal.
- The biggest opportunity for improvements are in the area of outdoor irrigation efficiency.



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WATER CONSERVATION PROGRAM:

REBATES AND EDUCATION AT COMPLETION OF 5-YEAR PLAN

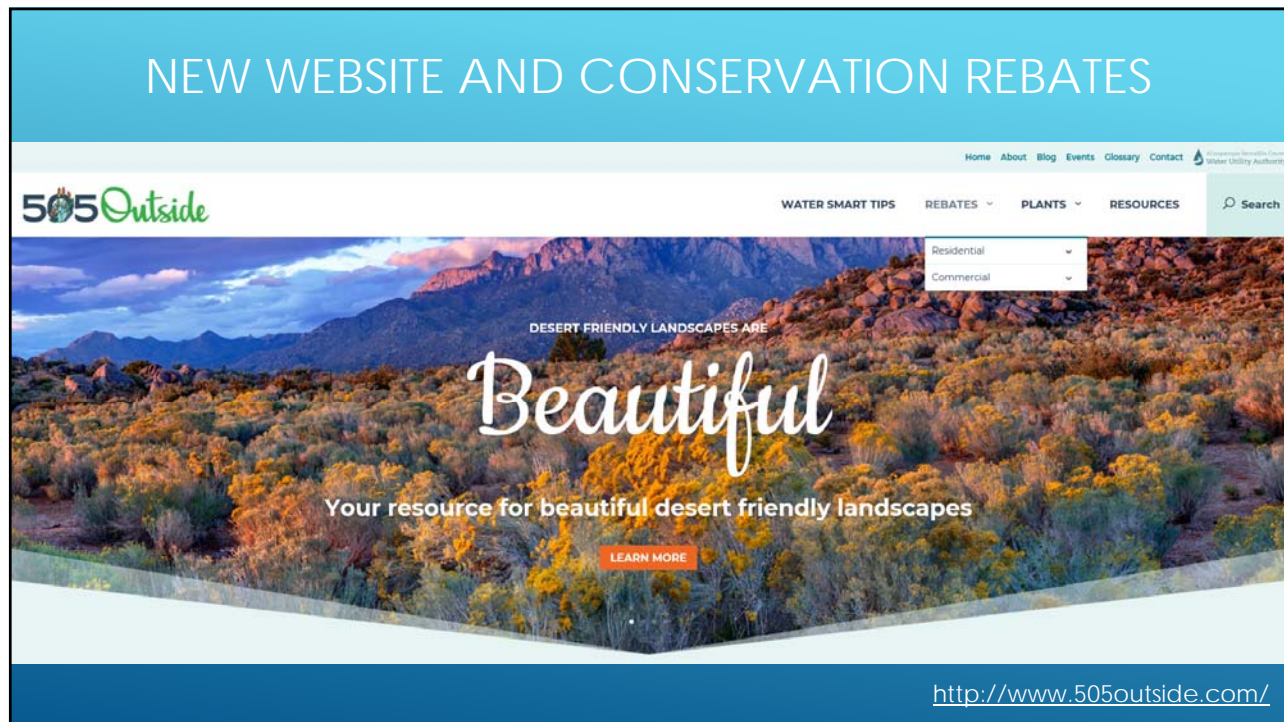
Residential

- ▶ Irrigation Efficiency and Tree Health consultations
- ▶ Water Smart Workshops
- ▶ Xeriscape
- ▶ Efficient nozzles
- ▶ Treebates
- ▶ Rainwater harvesting cisterns
- ▶ Smart-controller
- ▶ Gardens to Go
- ▶ Rain, soil moisture, wind and flow sensors
- ▶ Spray Sprinkler Bodies

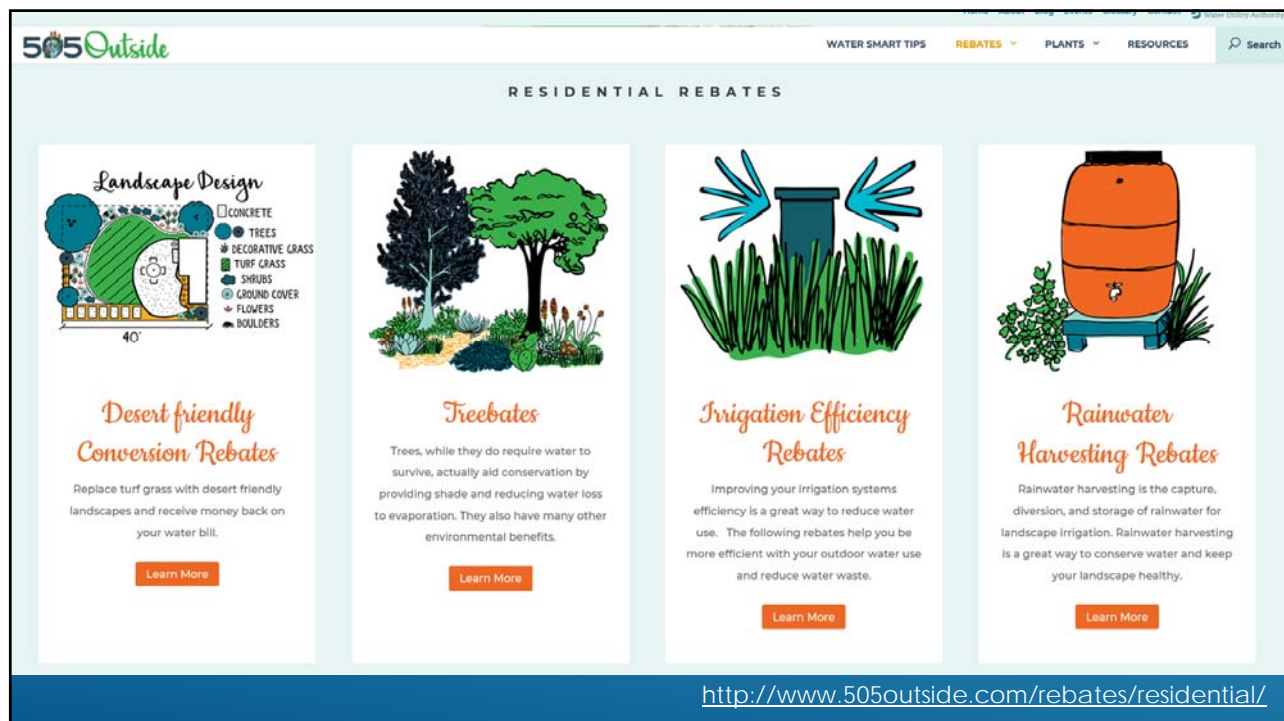
Commercial

- ▶ Irrigation efficiency consultations
- ▶ The water efficient incentive program
- ▶ Xeriscape
- ▶ Efficient nozzles
- ▶ Treebates
- ▶ Rainwater harvesting cisterns
- ▶ WaterSmart Academy & Lunch & Learn
- ▶ Smart-controller
- ▶ Rain, soil moisture, wind and flow sensors
- ▶ Spray Sprinkler Bodies
- ▶ Soil moisture enhancers

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505Outside

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WATER SMART TIPS REBATES PLANTS RESOURCES Search

COMMERCIAL REBATES

Landscape Design

Replace turf grass with (desert friendly) landscaping and receive money back on your water bill.

[Learn More](#)

Trees

Trees, while they do require water to survive, actually aid conservation by providing shade and reducing water loss to evaporation. They also have many other environmental benefits.

[Learn More](#)

Irrigation Efficiency Rebates

Improving your irrigation systems efficiency is a great way to reduce water use. The following rebates help you be more efficient with your outdoor water use and reduce water waste.

[Learn More](#)

Rainwater Harvesting Rebates

Rainwater harvesting is the capture, diversion, and storage of rainwater for landscape irrigation. Rainwater harvesting is a great way to conserve water and keep your landscape healthy.

[Learn More](#)

Water Efficiency Incentive Program

This program is for commercial customers to achieve water efficiency through individualized projects. The program is open to all commercial, industrial, institutional, and large landscape customers with qualifying projects within the Water Authority service area.

[Learn More](#)

<http://www.505outside.com/rebates/commercial/>

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HIGHLIGHTS!!! Community Impact (FY18-FY19)

- 7 GPCD drop compared to previous years, 2018 was the lowest to date at 125 GPCD
- Support more trees in service area – Treebate participants added 2,500 trees in the last two years plus 360 additional trees for Parks & Recreation facilities
- 1.2 million square feet converted to Xeriscape
 - 120,000 units (average of 220 gallons per square foot converted)
 - \$1.4 million back to the landscape industry
- \$620,510 back to City Parks & Rec for the optimization of irrigation systems at:

➤ Altura Park	➤ Highland Park
➤ Bullhead Park	➤ Westgate Heights
➤ Coronado Dog Park	➤ Dennis Chavez Park
	➤ Vail Park
	➤ Upgrades to Irrigation Central Control System



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► Purpose

- Recognizing the importance of water to the social and economic development of Albuquerque and surrounding areas
- Present awards for innovative programs and leadership that have advanced water conservation, while enhancing quality of life within the service area

► Goal

- To celebrate outstanding achievements in water conservation through best practices, efficiency, and innovation

PROPOSED AWARDS PROGRAM



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- Government Agency
- Business
- Organization
- Landscape Management
- Education
- Water Champion

POSSIBLE AWARD RECIPIENTS




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Feedback Capture Grid

Nomination Process...	Scoring System...
Types of Awards...	How to promote the program...

Can you think of someone you would nominate? ____ of ____






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► Input on awards system structure:

- Nomination process
- Scoring system
- Review process
- Method of issuing awards
- How to promote the program?

DISCUSSION TOPICS

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Proposed Awards Program

Recognizing the importance of water to the social and economic development of Albuquerque and surrounding areas. The awards are presented to organizations, agencies, businesses, and individuals whose programs and leadership have advanced water conservation within the service area.

The goal of the awards program is to celebrate outstanding achievements in water conservation through best practices, efficiency, and innovation.

- **Government Agency** — awarded to a water agency or municipality that takes an innovative approach to conserve water.
- **Business** — awarded to an individual business that accomplishes significant water savings through innovative conservation methods. Preference will be given to programs that can be replicated in that industry.
- **Organization** — awarded to a nongovernmental organization (including but not limited to faith-based groups, nonprofits, schools and homeowners associations) that has developed programs to promote or implement water conservation.
- **Landscape Management**— awarded to a business that exemplifies desert friendly landscape best management practices through an innovative process, technology, and / or program.
- **Education** — awarded to a business, organization, and agency or individual that has successfully educated others about the importance of water conservation and ways to achieve water conservation results.
- **Water Champion** — awarded to a private or public individual whose conservation efforts inspire others to use water more wisely. A Water Champion could be a local legislator, a science teacher, the manager of a local nursery, a person who promotes desert friendly landscaping practices, or someone else whose passion is admire.