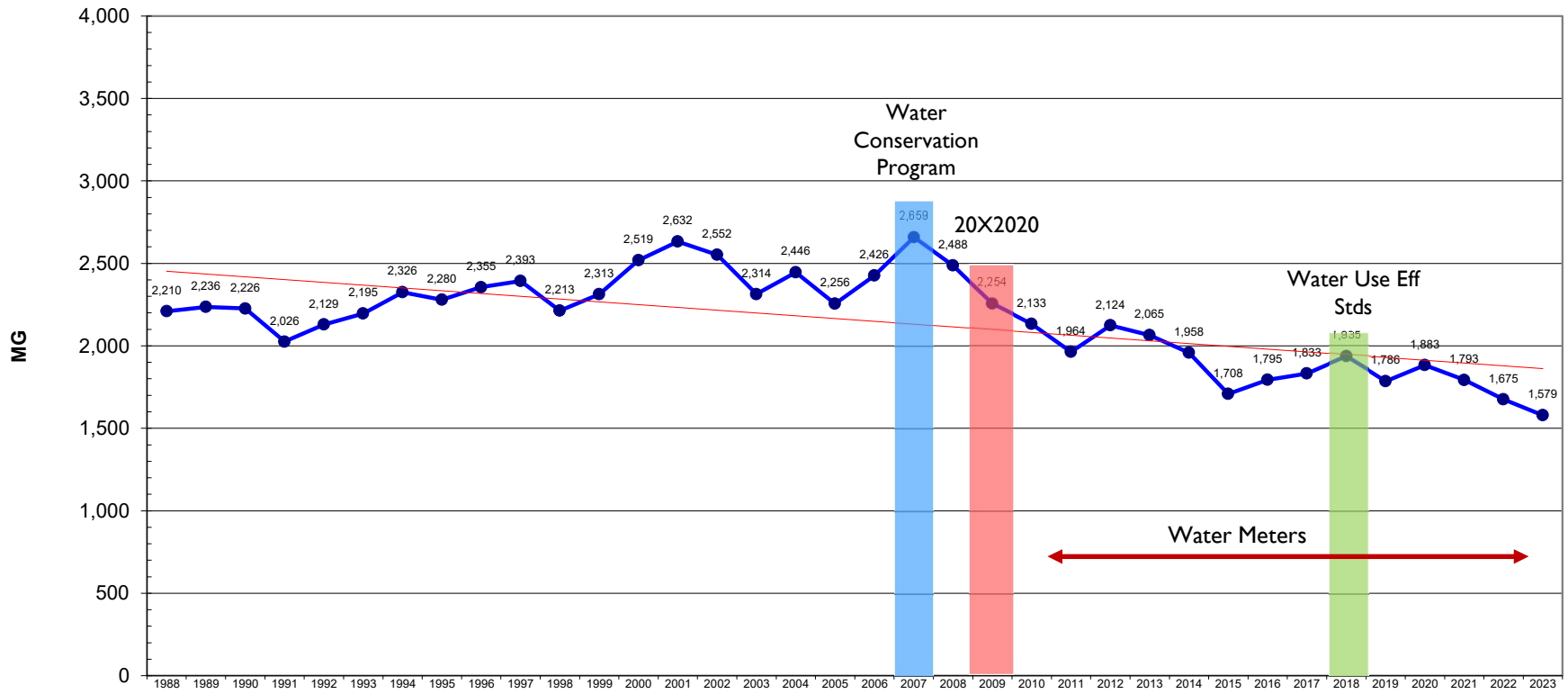




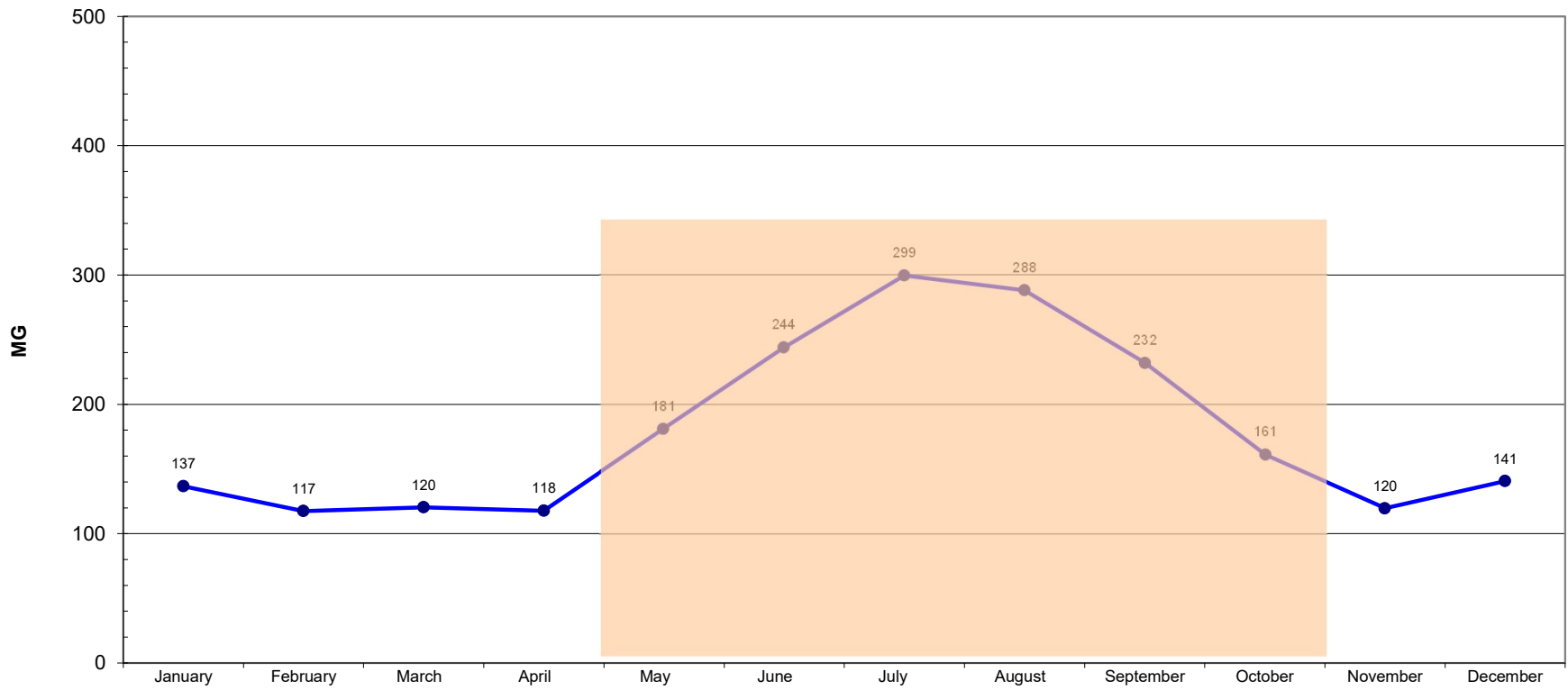
WATER CONSERVATION PROGRAM

Lauren Benefield
Water Conservation Specialist
1/18/2024

Annual Water Production 1988 - 2023



Average Monthly Water Production 1988 - 2023



WATER CONSERVATION STAGE I

Designated watering days
(3X/week)

Repair all leaks

Do not allow irrigation runoff to flow onto street or adjacent prop

All hoses fitted with shut-off nozzle



Table 3-1: Water Shortage Contingency Plan Levels

Shortage Level	District Administrative Code Stages	Complete Both	
		Percent Shortage Range ¹ <i>Numerical value as a percent</i>	Water Shortage Condition <i>(Narrative description)</i>
<i>Add additional rows as needed</i>			
1	I	Up to 10%	Minor Supply Reduction ⁽²⁾
2		Up to 20%	
3	II	Up to 30%	Significant Supply Reduction (e.g., RPO)
4		Up to 40%	
5		Up to 50%	
6	III	>50%	Significant Supply Reduction under Water Emergency Condition (e.g., wildfire with RPO)
¹ One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.			
NOTES:			
1. Table format based on DWR Guidebook Table 8-1.			
2. This water shortage condition could be triggered if the District provides emergency supply to neighboring water systems under below normal or dry water years.			

CUSTOMER SERVICES



FREE SERVICES



TURF BUY BACK



REBATES



FREE SERVICES



Water Wise Landscape Consultations

2023 - 82

2022 - 79



Water Wise House Calls

2023 - 10

2022 - 31

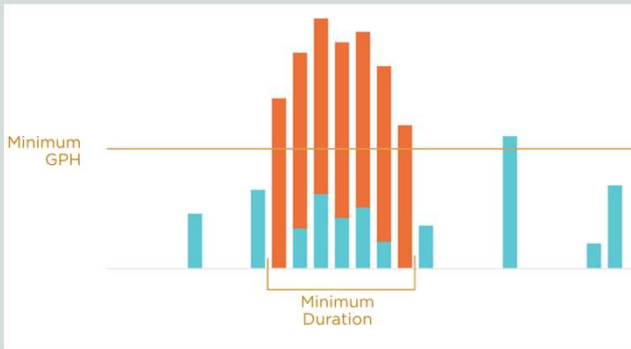


LEAK DETECTION

5,281 Leak Alerts Sent

Leak Investigation and Repairs

~26 million gallons water saved



Mel

The cleaning people inadvertently left the hot water faucet on in our upstairs bathroom. Since no one was there, it ran until this email came and it was checked out. Thank you!

Not A Leak - 198 Gallons Per Hour
Confirmed as Left a Hose or Faucet Running

Dennis & Julie Wardell

We found water slowly coming up the stop & drain stand pipe. We turned the stop & drain on & off several times to engage the valve to be fully open before the water went down. 1 re of the problem. There had been sufficient water pressure in the house and we didn't hear water running, so thank you for notifying us, we really appreciate it!

Leak Found - 7 Gallons Per Hour
Confirmed as Other



TURF BUY BACK

Conversions

- 2023 - 22 customers
- 2022 – 26 customers

Square Feet Converted

- 2023 – 27,325 sq ft
- 2022 – 34,027 sq ft

Gallons of Water Saved Annually

- 2023 – 341,949 gallons
- 2022 – 590,030 gallons

Residential - 1.50 per square foot up to \$3,000 or 2000 sqft
Commercial – 1.50 per sq ft up to \$5,000 or 3,333 sqft



BEFORE



AFTER



REBATES

Irrigation Controller Rebate

- 2023 – 16 controllers; \$1,586.78
- 2022 – 13 controllers; \$1,291.50

Clothes Washer

- 2023 – 29 clothes washers; \$6,200
- 2022 – 51 clothes washers; \$8,800

High Efficiency Toilet Rebate

- 2023 – 43 toilets; \$3,745.04
- 2022 – 51 toilets; \$4349.50

Leak Repair

- 2023 – 24 leaks repaired; \$11,452.06
- 2022 – 15 leaks repaired; \$8,149.60

Public Agency Retrofit

- \$26,868.66 used by LTUSD
- Working with City to utilize remaining funds



IRRIGATION CONTROLLER REBATE

Get paid for updating your irrigation controller with a WaterSense controller.

Apply at mywater.stpud.us

WaterSense Meets EPA Criteria

SOUTH TAHOE PUBLIC UTILITY DISTRICT

The graphic features a blue water drop with a smiling face and dollar signs, a green irrigation controller with a checkmark, and a garden scene with various flowers. The South Tahoe Public Utility District logo is visible at the bottom left of the graphic.



OUTREACH



DIGITAL MESSAGING



FARMERS MARKETS



COMMUNITY EVENTS



TAHOE FRIENDLY
GARDEN
WORKSHOPS



DIGITAL MESSAGING

Dear Ian & Rachel,

As temperatures drop below freezing, protecting your home plumbing from the damage and expense caused by frozen pipes is essential. Remember these tips to prepare your home for chilly temps.

Before freezing temperatures set in:

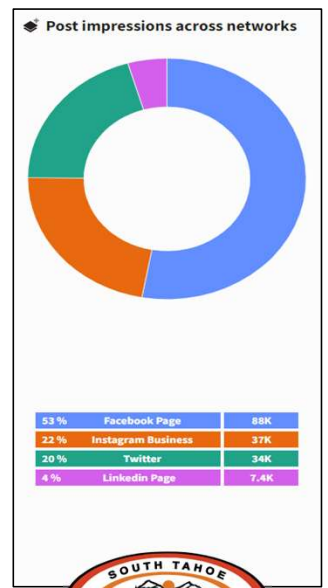
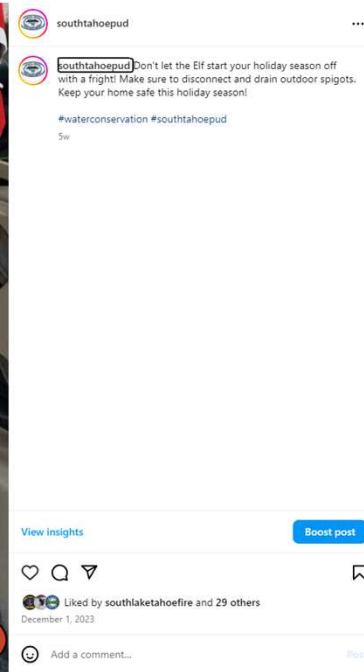
- Turn off and drain irrigation systems.
- Disconnect and drain all outdoor hoses.
- Insulate exposed pipes or faucets.
- Seal holes and cracks in exterior walls, foundation, and around pipes.
- Locate and test your home shut-off valve
- Make sure STPUD has your current phone number in case of an emergency. To update your contact information, call 530-544-6474 or visit stpod.us/waterSMART.com.

If you are away from your home during the winter months:

- Turn off your home shut-off valve.
- Open indoor and outdoor faucets to drain pipes. Remember to close faucets once drained.
- Open all bedroom, bathroom, and closet doors, and cabinet doors in the kitchen and bathroom.
- Keep the thermostat at 65 degrees (as recommended by the Insurance Information Institute).

To learn more about winterizing your home, visit <https://stpod.us/customers/winterizing-tips/>.

Best,
South Tahoe Public Utility District



Water Use Portal Email Messaging

Social Media

FARMERS MARKETS

- El Dorado County Farmers Market
- Meyers Mountain Market
- Ski Run Farmers Market



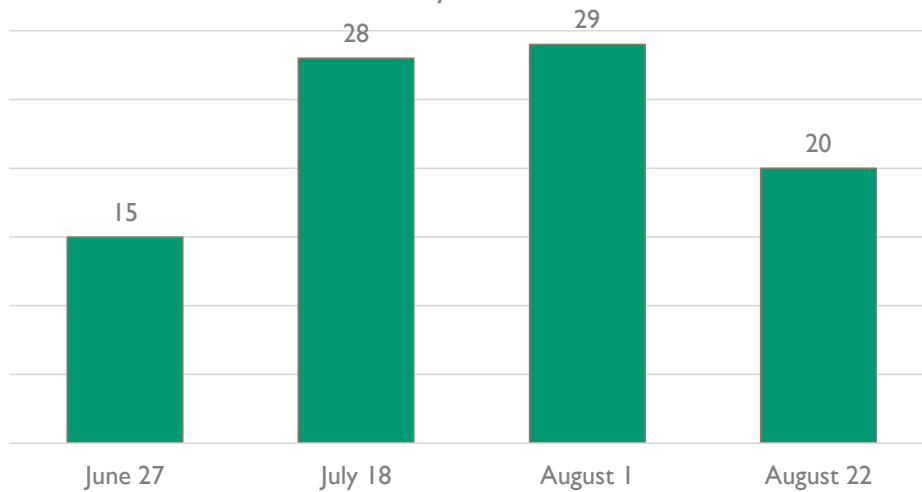
COMMUNITY EVENTS

- Earth Day Festival
- High Elevation Gardening Festival
- Tahoe Mountain Biking Festival
- Wildfire Safety Expo
- A Day in Paradise Park
- FireFest
- Tahoe Summit
- Business Expo



TAHOE FRIENDLY GARDEN WORKSHOPS

Tahoe Friendly Garden Attendees by Date



FREE GARDENING WORKSHOPS

Learn how to design & plant a Tahoe Friendly Garden.

RETHINKING YOUR LAWN
TUE 6/27: 6 pm - 7 pm

PLANNING YOUR TAHOE FRIENDLY LANDSCAPE
TUE 7/18: 6 pm - 7:30 pm

DESIGNING TAHOE FRIENDLY GARDENS
TUE 8/1: 6 pm - 7:30 pm

EFFICIENT IRRIGATION & DRIP IRRIGATION DESIGN
TUE 8/22: 6 pm - 7:30 pm

Hosted at South Tahoe Public Utility District
1275 Meadow Crest Drive

SOUTH TAHOE PUBLIC UTILITY DISTRICT
1916 - 1918

stpud.us



UPCOMING FOR CONSERVATION

SB 606 & AB 1668 (2018) – Water Use Efficiency Regulation

- Water Budget =
 - Indoor Standards
 - Outdoor Standards
 - Water Loss Standards
 - CII – Designated Irrigation Meters (DIMs)
 - Variances (Seasonal Population Variance)

AB 1572 - Ban on Irrigating Non-functional Turf with Potable Water

- Cannot Irrigate with Potable Water:
 - Commercial
 - Industrial
 - Institutional
 - Multi-Family

Administrative Code Updates to Comply

- Updating Residential Water Conservation Stages

QUESTIONS?

lbenefield@stpud.us