



# 2021 DROUGHT AND WATER CONSERVATION UPDATE



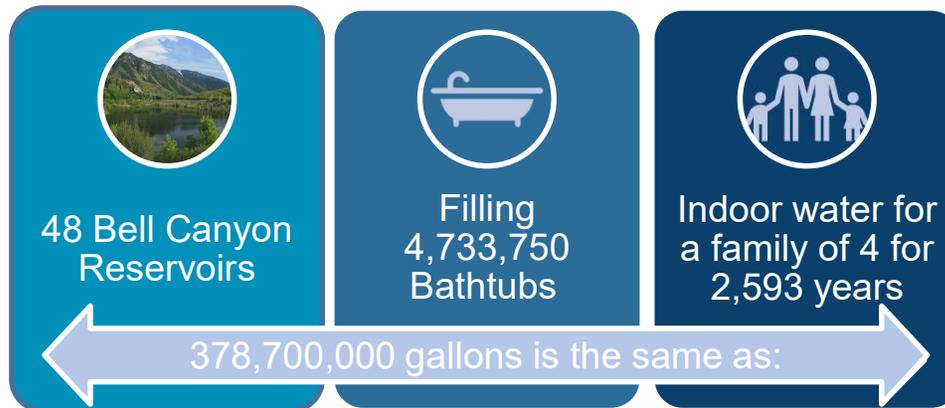
**378,700,000**  
**gallons saved**

*(Year to date- compared to last year at this time)*

Complete information at: <https://sandy.utah.gov/1687/Sandy-City-Water-Use>



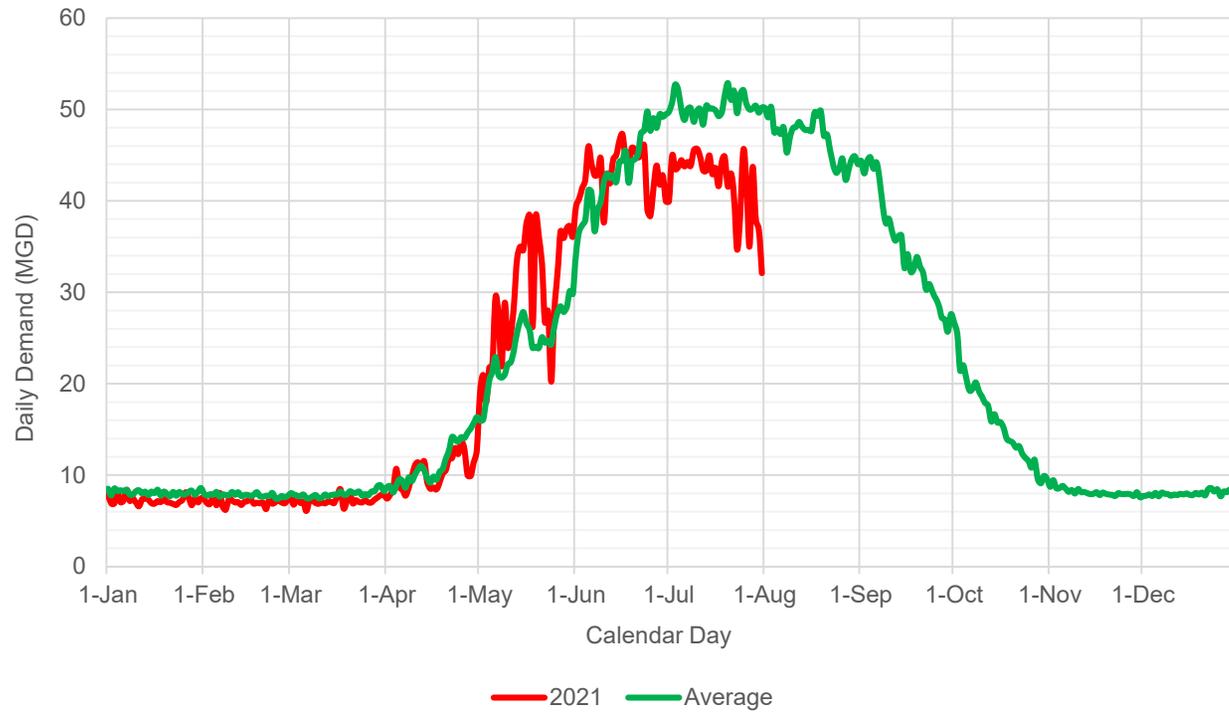
Year to Date Water Use Comparison (January - July 31st)	
	<b>Gallons</b>
July 2020	4,850,120,000
July 2021	4,471,420,000
<b>Total Savings</b>	<b>378,700,000</b>
<b>Percent Reduction</b>	<b>8%</b>



Complete information at: <https://sandy.utah.gov/1687/Sandy-City-Water-Use>

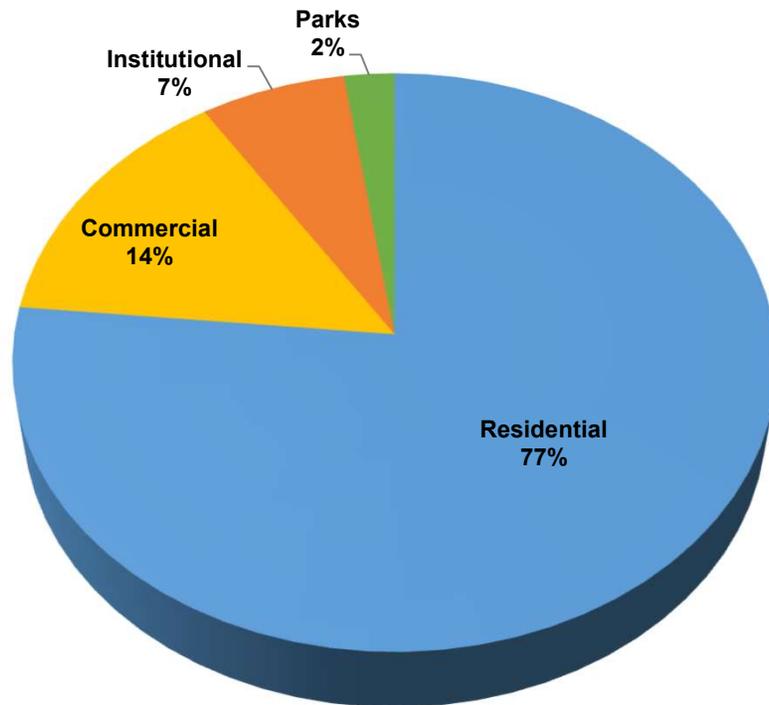


### 10 Year Average vs. 2021 Daily Demand (MGD)

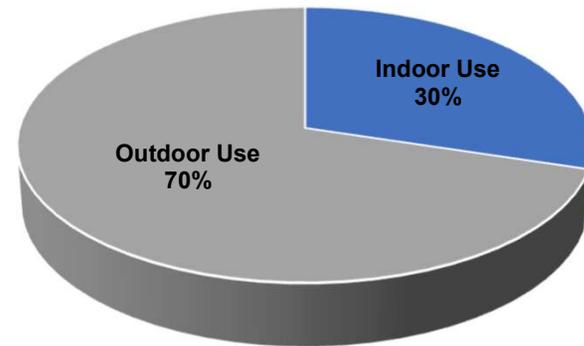


Complete information at: <https://sandy.utah.gov/1687/Sandy-City-Water-Use>

## 2020 Water Usage by Connection Type



## Residential Indoor vs. Outdoor Water Use



Complete information at: <https://sandy.utah.gov/1687/Sandy-City-Water-Use>



# **WATER CONSERVATION PLAN**

**(Updated every five years and adopted by Ordinance)**

**WATER CONSERVATION PLAN:  
TIMELINE FOR 2021**

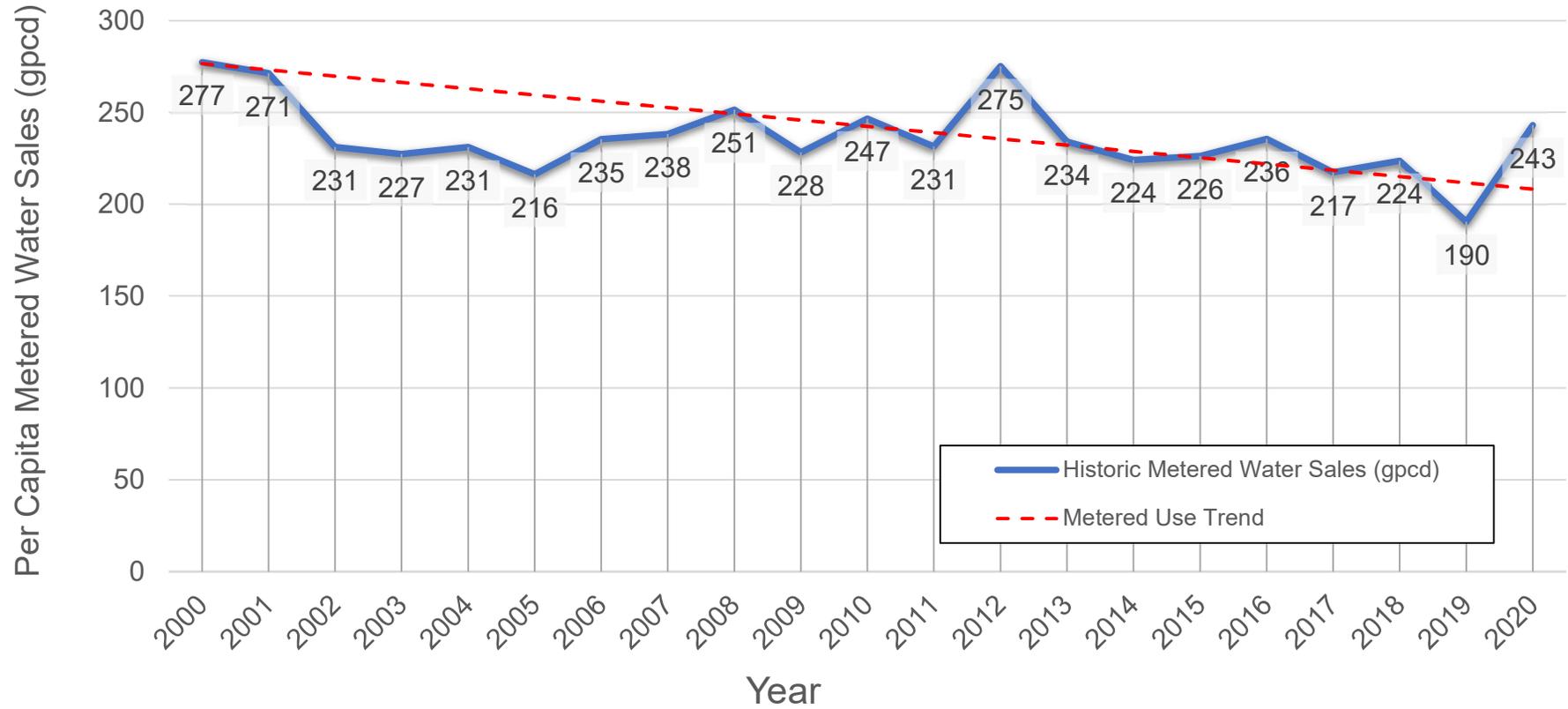


**WATER CONSERVATION PLAN:  
CURRENT WATER USE**

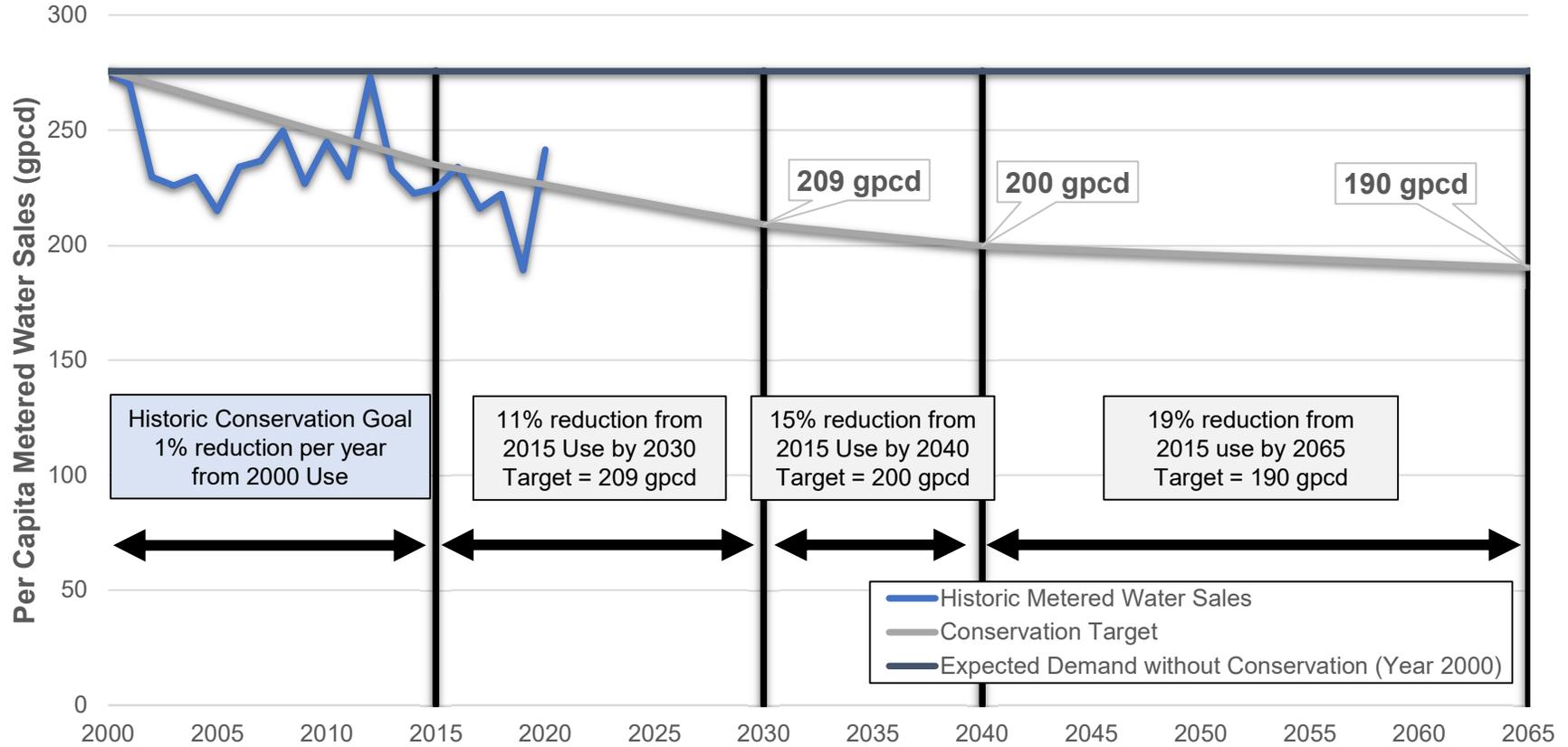
<b>Customer Class</b>	<b>Indoor Use (gpcd)</b>	<b>Outdoor Use (gpcd)</b>	<b>Total Use (gpcd)</b>
Residential	55	131	186
Commercial	12	29	41
Institutional	1	15	15
<b>TOTAL</b>	<b>68</b>	<b>175</b>	<b>243</b>

*NOTE: Totals are based on metered water sales in 2020.*

### WATER CONSERVATION PLAN: WATER USE HISTORIC TREND

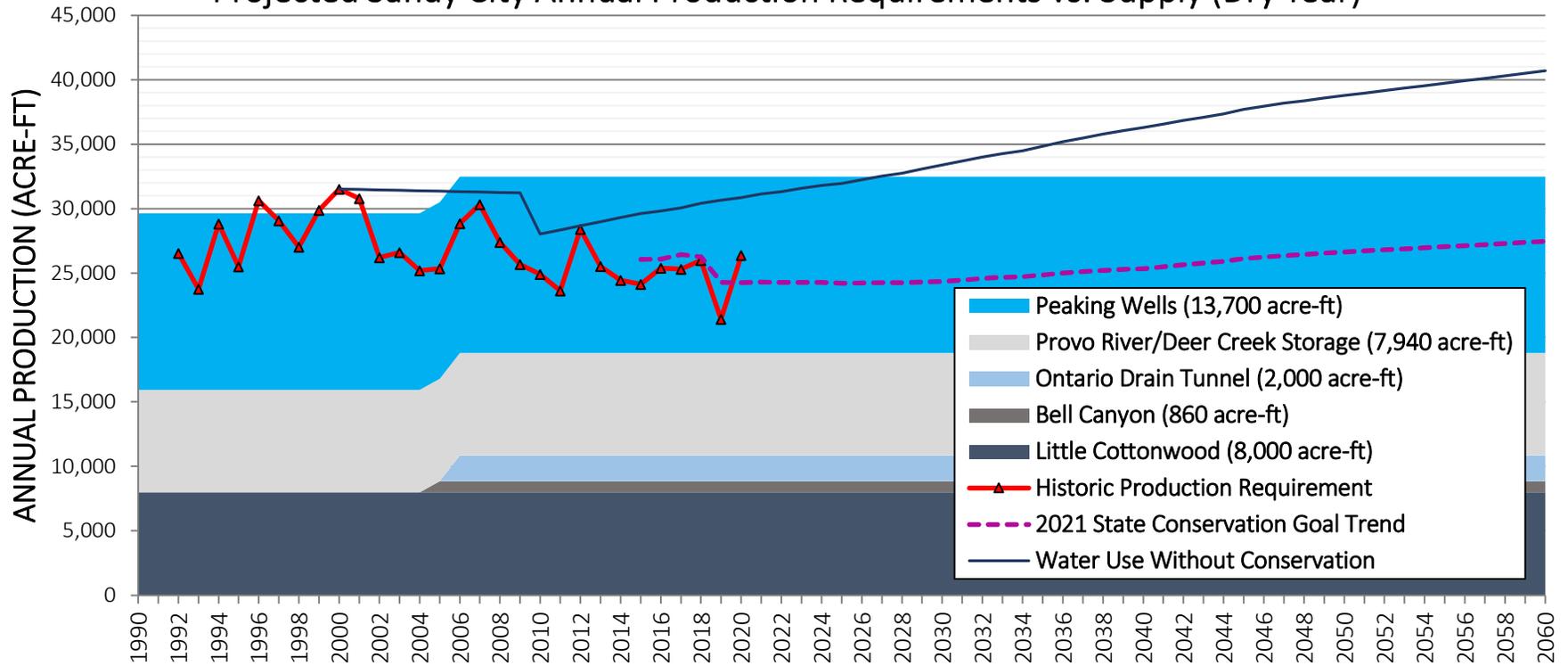


## WATER CONSERVATION PLAN: HISTORIC AND FUTURE CONSERVATION GOALS



**WATER CONSERVATION PLAN:  
CONSERVATION IMPACTS ON  
SUPPLY AND DEMAND**

**Projected Sandy City Annual Production Requirements vs. Supply (Dry Year)**



NOTE: Volumes given are 2060 projected supply.

## Current Conservation Practices

**Sandy Currently has 32 conservation practices in place. The practices are broken down into the following categories:**

### Public Awareness

- Advanced Metering Infrastructure with Water Watch text/email usage updates
- Conservation Website & Social Media Campaigns

### Education & Training

- Sego Lily Gardens – Demonstrations and Water Week events
- Water conservation education programs in schools
- Water system audits

### Rebates, Incentives, & Rewards

- Toilet replacement rebates
- Smart irrigation controller rebates

### Ordinances & Standards

- Water Efficient Landscaping
- Timing of Landscape Watering
- Waste Prohibited Ordinance

### Water Pricing

- Current Block Rate Structure





*Looking ahead...*

**WATER CONSERVATION PLAN:  
PROPOSED NEW CONSERVATION  
PRACTICES**

<b>Conservation Goal</b>	<b>Timeline</b>	<b>Cost Estimate</b>	<b>Measure</b>
<b>Water Shortage and Drought Plan</b>	By 2025	\$20,000	Completion of recommendation report
<b>Utility Bill Improvements</b>	Ongoing	\$30,000/year	Conservation Messaging included on Utility Bills
<b>Continued Public Education Efforts</b>	Ongoing	\$15,000/year	Overall reduction of citywide water consumption
<b>Water Conservation Classes</b>	Begin in 2022	Funded by Staff Position	Hold 1 class per quarter Launch online course
<b>Localscapes Rebate</b>	Begin in 2021	State-funded	# of xeriscape landscapes (City or Resident)
<b>Flip Your Strip Rebate</b>	Begin in 2021	State-funded	# of park strips converted annually
<b>Update Conservation Ordinances/Standards</b>	Complete by 2023	Varies	Present to Council in 2023
<b>Propose Additional Conservation Ordinances/Standards</b>	Complete by 2025	Varies	Present to Council periodically through 2025
<b>Evaluate Water Rate Structure</b>	Complete in 2021	\$15,000	Completion of recommendation report
<b>AWWA Water Audit Program</b>	Complete by 2025	\$5,000/year	Completed audit score and record





**PENDING ACTION ITEMS:**

1. Conservation Plan- Public Input & Adoption
2. Ordinances
3. Tiered water rates review
4. Drought pricing review
5. Drought Response Plan review
6. Additional Seasonal Staff for Customer Support



**THE END**



### **WATER CONSERVATION RESOURCES:**

- Sign up for [Water Watch](#)
- Schedule a free [Water Check](#)
- Participate in [rebate programs](#)
  - Smart Irrigation Controller
  - Toilet Replacement
  - Localscapes
  - Flip Your Strip
- Visit water wise demonstration gardens
  - [Sego Lily Gardens](#)
  - [Jordan Valley Conservation Garden Park](#)
- Virtual Resources
  - [Sandy City Public Utilities](#)
  - [Slow the Flow](#)
  - [Utah Division of Water Resources](#)
  - [USU Center for Water-Efficient Landscaping](#)

### **DROUGHT RESOURCES:**

- Virtual Resources
  - [Sandy City Public Utilities](#)
  - [Utah Division of Water Resources](#)
  - [Drought Information | Sandy City, UT - Official Website](#)
  - [Drought – Water Utah](#)



**SANDY ACTION ITEMS:**

- a. Keep saving water - we are doing a good job so far!...(and here is how we can do better)
- b. Public – brown out non-active play areas
- c. Sandy parks – continue to save, brown out non-play areas, Importance of keeping play areas priority for healthy/safe turf for high use.
- d. Council – Direct public to our resource web site, inquiries to our office. (include web link). Ordinances. Water rates.



**STATE RECOMMENDED DROUGHT  
RESPONSE ACTION ITEMS:**

1. Water Less
2. Don't water if it's windy.
3. Water at the right time.
4. Prioritize your watering.
5. Raise your mower.
6. Get a rebate.