



Establishing Limits on Water Use

September 21, 2021



Overview

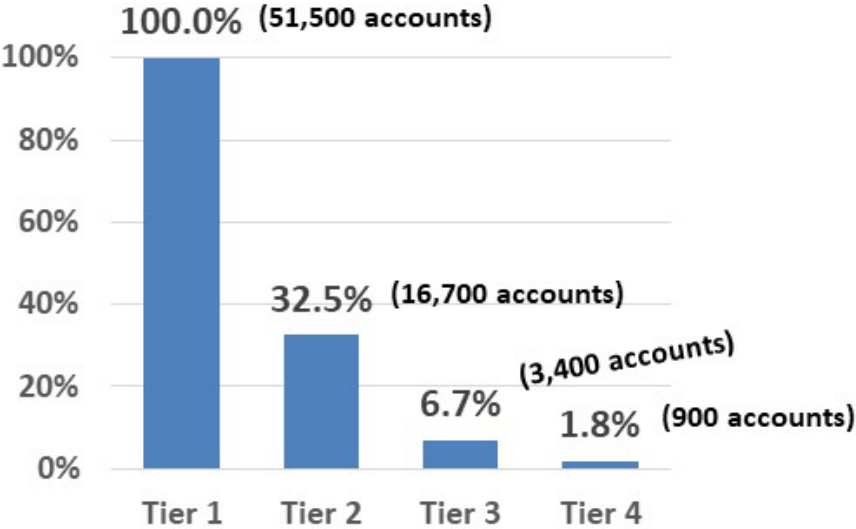
- Review of September 7th Board Discussion
- Key Elements of Proposed Ordinance No. 454
- Recommendation

Review of September 7th Board Discussion

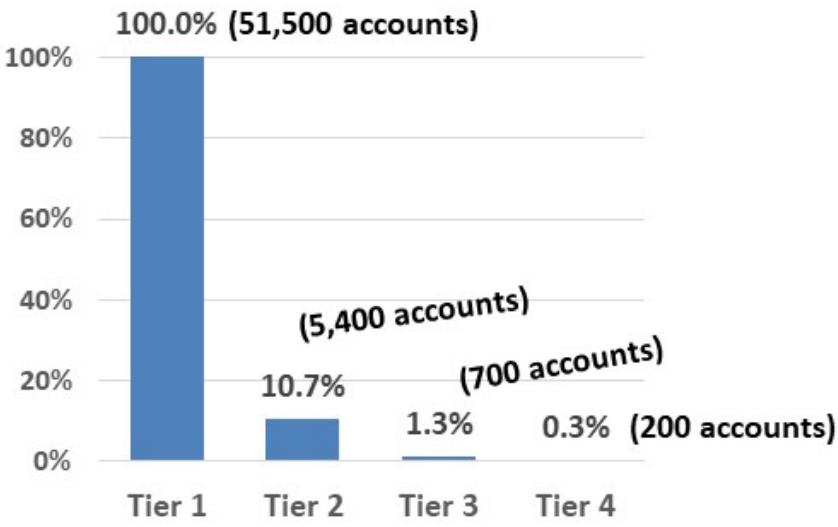
Single Family Residential Customers

SUMMER

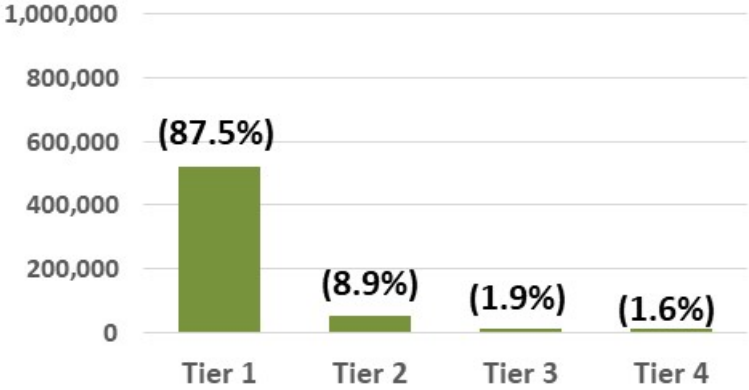
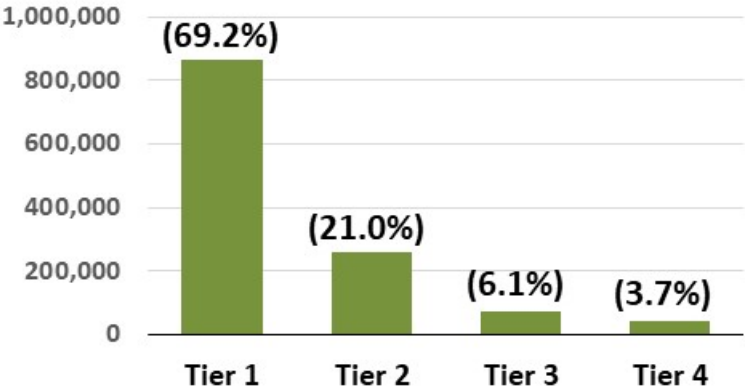
Occurrence by Tier



WINTER



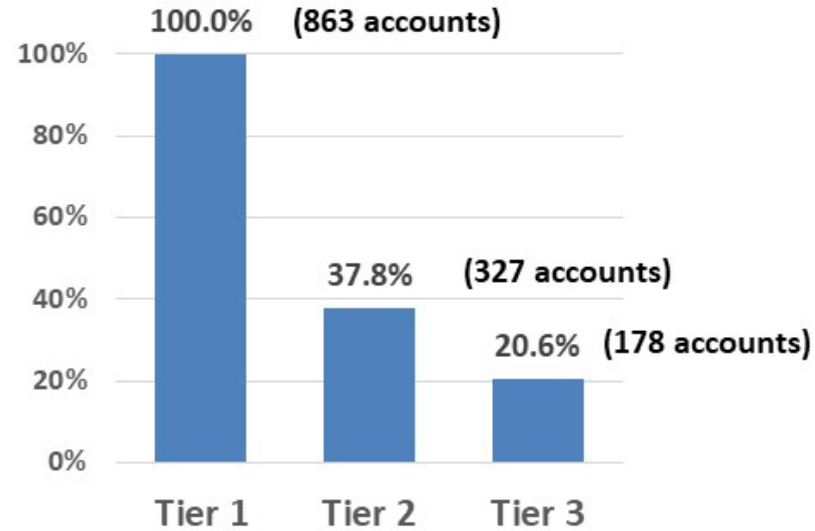
Usage by Tier



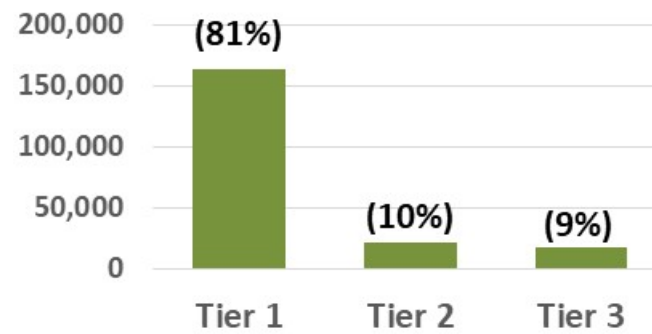
Dedicated Irrigation Customers

SUMMER

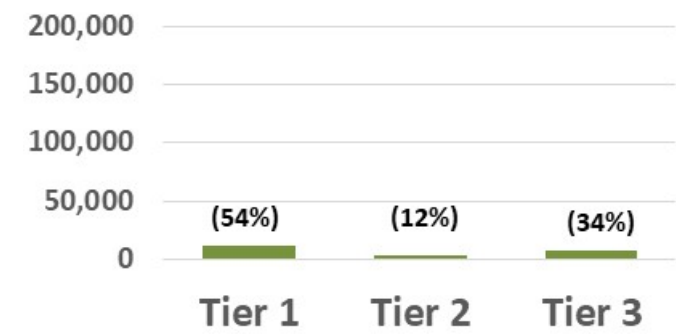
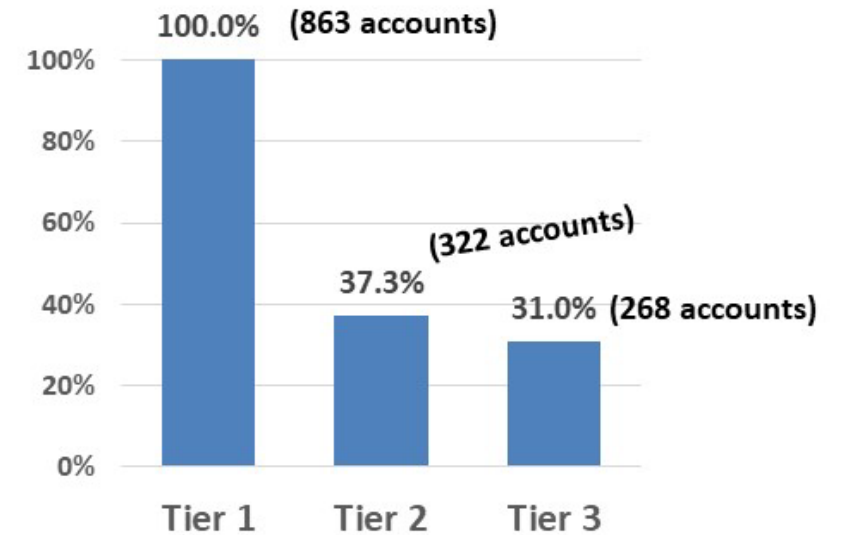
Occurrence
by Tier



Usage
by Tier



WINTER



Single Family Residential Customers

Single Family Residential Tiered Allotments and Gallons per Capita per Day (GPCD)

	<u>CCF</u>		<u>GPCD</u>	
	Summer	Winter	Summer	Winter
Tier 1	0 - 26	0 - 21	0 - 81	0 - 65
Tier 2	27 – 59	22 – 48	82 - 184	66 – 150
Tier 3	60 – 99	49 - 80	185 – 309	151 - 249
Tier 4	100+	81+	310+	250+
	*1ccf = 748 gallons		* Assumes 4 residents	

Drought Guidance for Residential Indoor Water Use



	<u>GPCD</u>	
	Summer	Winter
Tier 1	0 - 81	0 - 65
Tier 2	82 - 184	66 - 150
Tier 3	185 - 309	151 - 249
Tier 4	310+	250+

* Assumes 4 residents

Key Elements of Proposed Ordinance No. 454

Establishing Limits on Water Use – Winter (Dec-May)

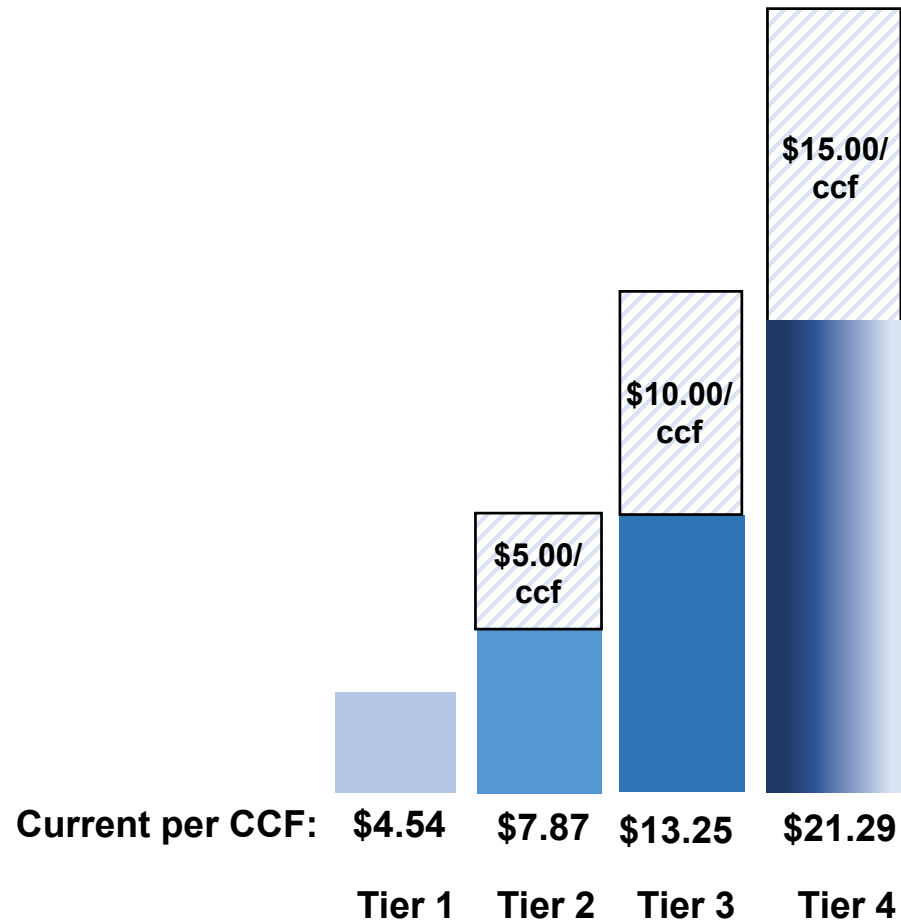
- Single-Family Residential Customers (Assumes a 4- person household)
 - Tier 1: Up to 21ccf (65 gpcd)
 - Tier 2 use is prohibited, up to 150 gpcd
 - Tier 3 use is prohibited, up to 249 gpcd
 - Tier 4 use is prohibited, 250+ gpcd

*Adjustments for additional residents: 50 gpcd (4ccf/billing period)

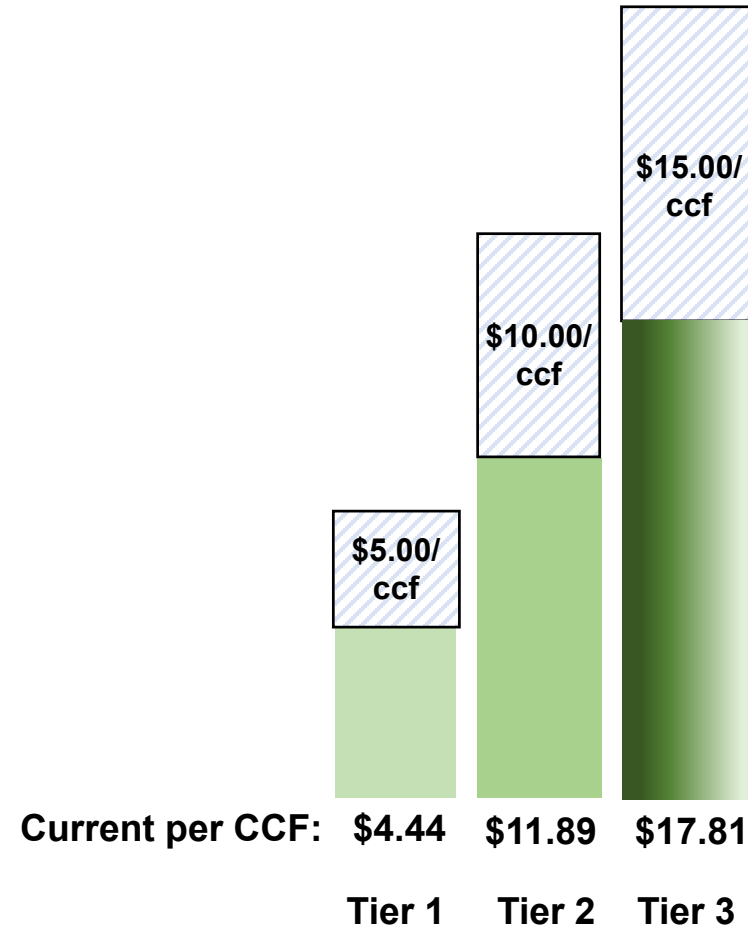
- Irrigation Customers (Dedicated, Single-Family Dedicated)
 - Tier 1-3 use is prohibited during winter billing
 - All water use is prohibited
 - Baseline adjustments suspended while prohibition is in effect

Proposed Excess Use Penalties - Winter

Single-Family Customers



Irrigation Customers

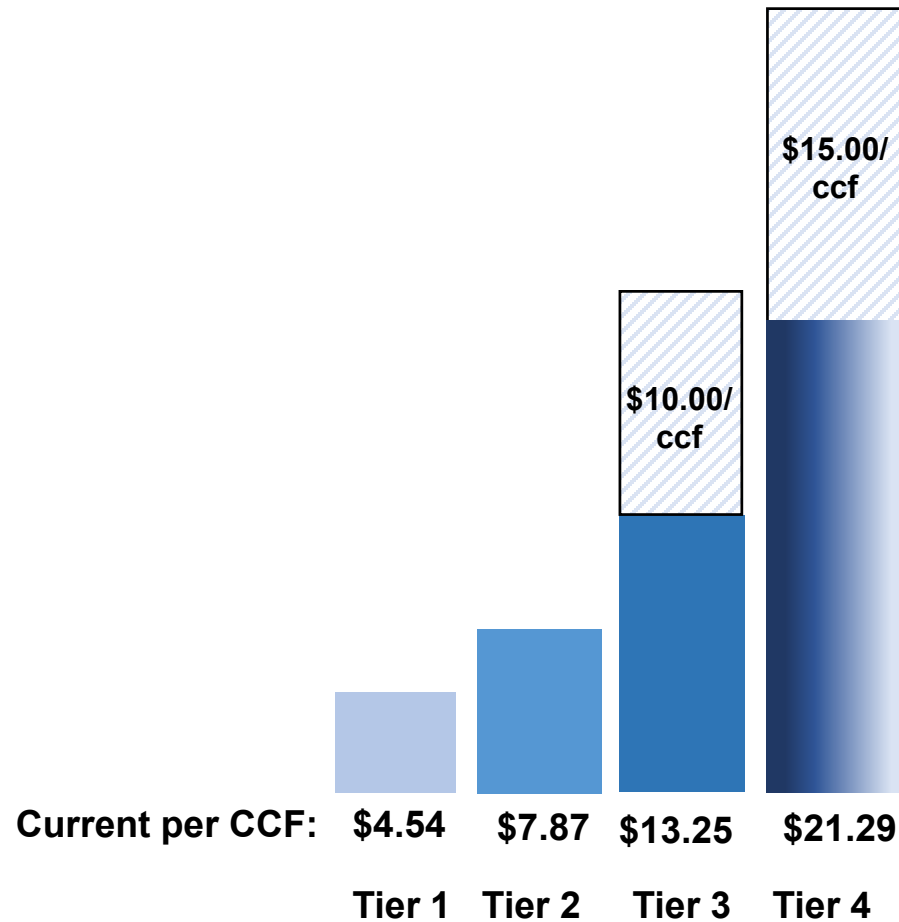


Establishing Limits on Water Use – Summer (Jun-Nov)

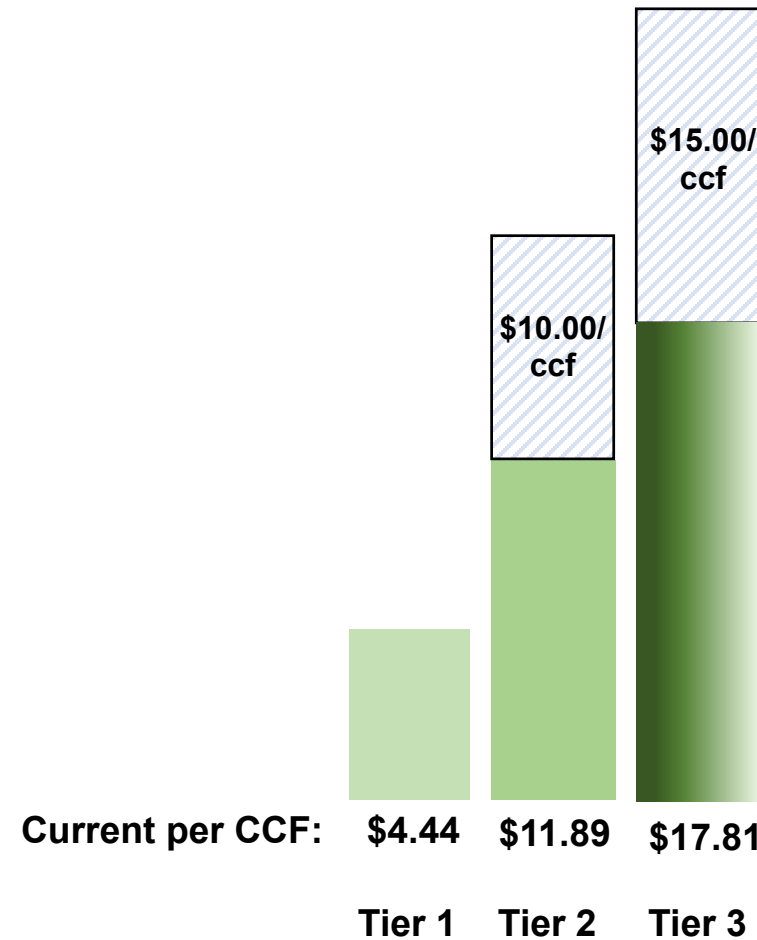
- Single-Family Residential Customers (Assumes a 4- person household)
 - Tier 1: Up to 26ccf (81 gpcd)
 - Tier 2: Up to 59ccf (184 gpcd)
 - Tier 3 use is prohibited, up to 309 gpcd
 - Tier 4 use is prohibited, 310+ gpcd
- Irrigation Customers (Dedicated, Single-Family Dedicated)
 - Tier 1 use is allowed to provide for limited summer irrigation
 - Tier 2-3 use is prohibited during summer billing

Proposed Excess Use Penalties - Summer

Single-Family Customers



Irrigation Customers



Implementation

- Timing
 - Ordinance restrictions effective upon adoption
 - Penalties effective December 1, 2021
- Outreach
 - Website Updates
 - Social Media
 - Bill Inserts
 - Bill Message
 - Direct mailer - all customers
- Occupancy adjustments process
- Variance and appeal process



Recommendation

- Adopt Proposed Ordinance No. 454 to address immediate need to discourage excess water usage
 - Establish water use limits for single-family and irrigation customers
 - Impose penalty charges for excess use