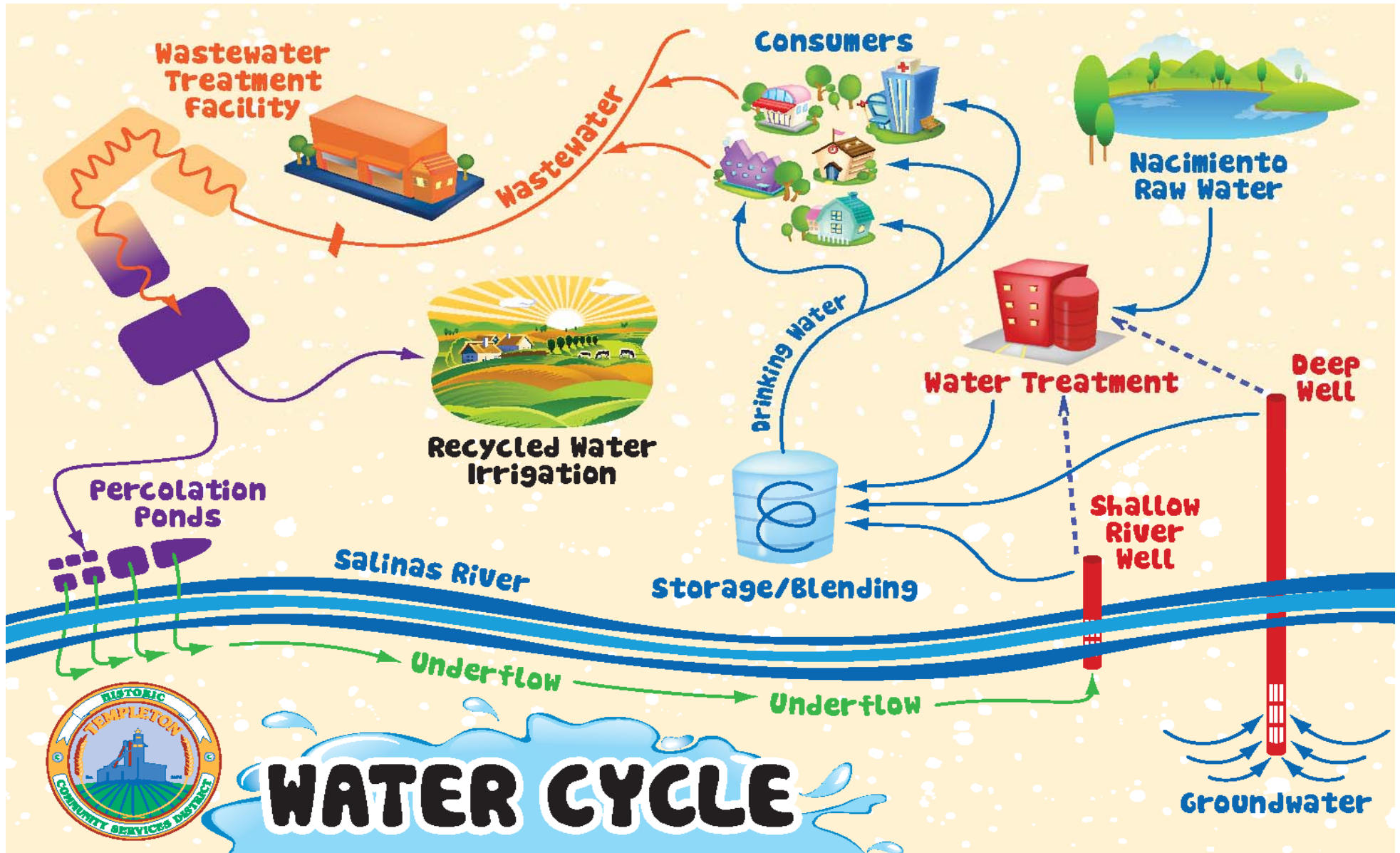


Annual Water Supply Update 2021

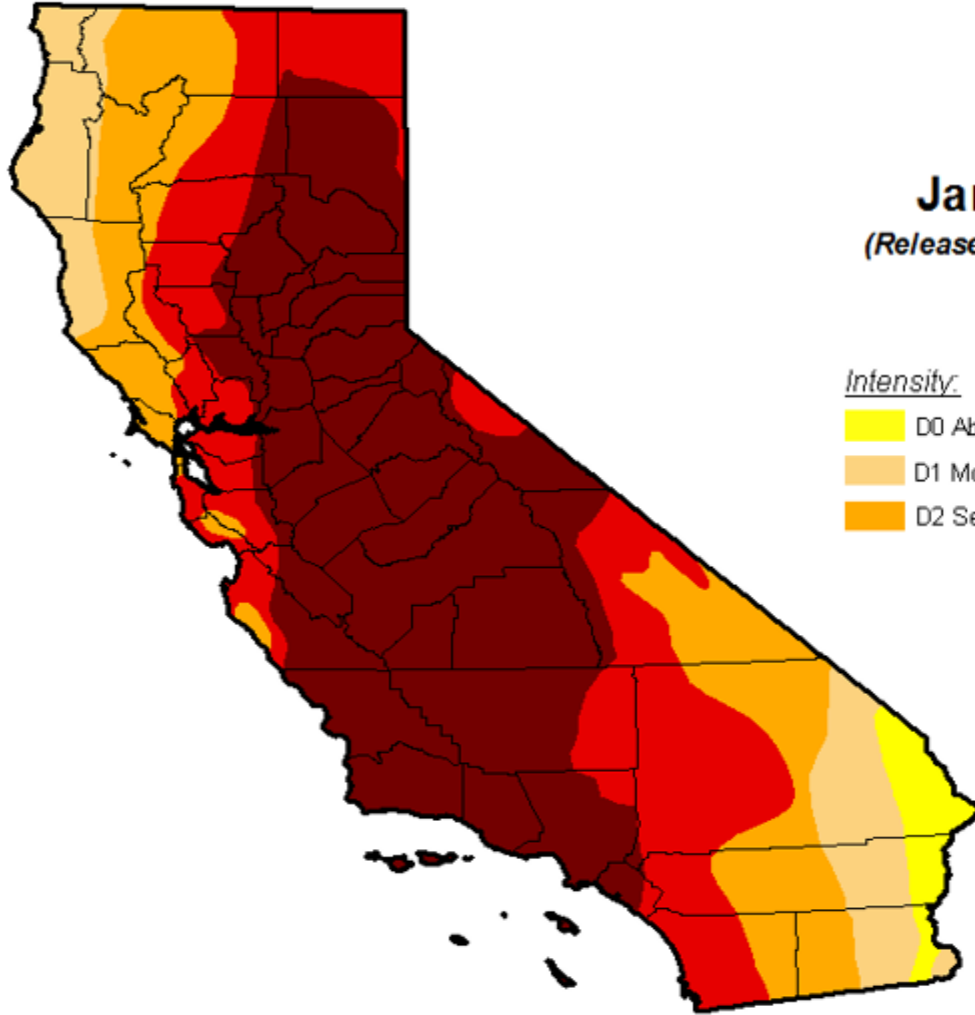


Water Supply Buffer - Why Do We Need It?

The Templeton Board of Directors adopted a 20% Water Supply Buffer Policy in 2016. The 20% buffer protects water supply in the event of:

- *Well failure*
- *Water contamination*
- *Water quality issues*
- *Nacimiento water line failure*
- *Increased private allotment of Templeton Sub-Unit*
- *Adjudication*
- *Legislative Changes (such as Accessory Dwelling Units)*
- *Drought*

U.S. Drought Monitor, California



January 5, 2016

(Released Thursday, Jan. 7, 2016)

Intensity:

- | | |
|---|--|
|  D0 Abnormally Dry |  D3 Extreme Drought |
|  D1 Moderate Drought |  D4 Exceptional Drought |
|  D2 Severe Drought | |

Water Supply Portfolio

The District relies on a combination of several different water sources to provide a sustainable water supply to its customers. Water sources include deep aquifer groundwater, shallow underflow water, and water supply augmentation through treated wastewater retrieval and importation of Naciminto raw water.

Atascadero Basin -Groundwater Deep Wells

Salinas Underflow –River Wells

Riparian Water Permits 8964 & 20785

Riparian Water License 4829

Riparian Water Agency Agreements (Excluded in the Model)

Wastewater Retrieval

Naciminto Allocation

District Water Supply by Source		Treated Wastewater & Limited Nacimiento Water to Selby	Full Allocation of Nacimiento Water
	2022 <i>(AFY)</i>	2025 <i>(AFY)</i>	2027 <i>(AFY)</i>
Atascadero Groundwater Basin (Templeton Subunit)	1040	1040	1040
River Well Water Permit <i>(Available October - March)</i>	500	500	500
River Water License -Greer <i>(Available April - October)</i>	102	102	102
WW Retrieval <i>(Available 28 or 35 months after discharge)</i>	220	386	386
Nacimiento Water <i>(Once 100% available)</i>	245	102	398
TOTAL	2066	2112	2408

Water Supply Buffer Model

Water Production Demand Forecast

The water production demand forecast is updated annually and is based on the average water production *plus* the amount of water required to serve the outstanding water unit commitments.

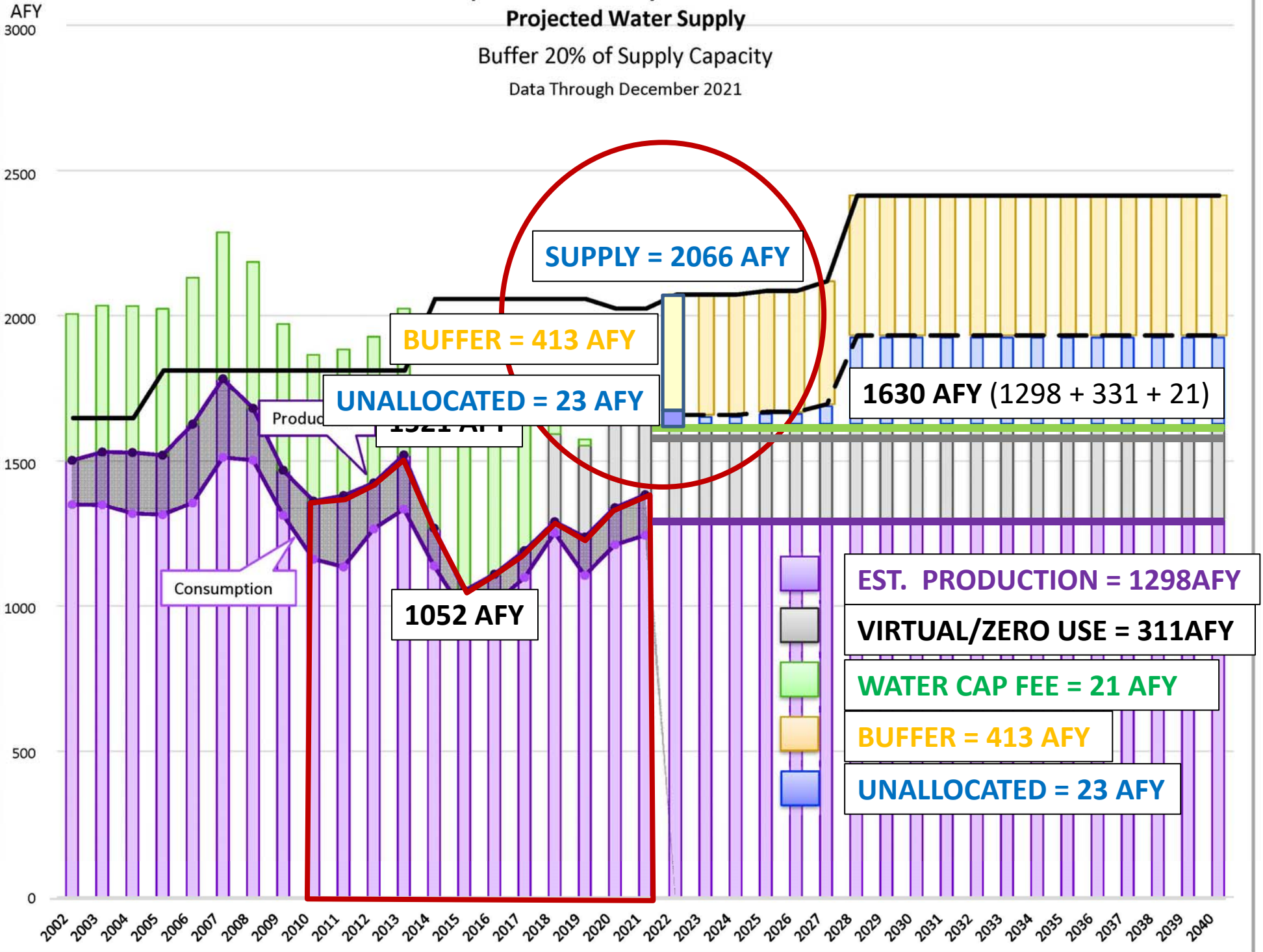
- The average water production is calculated for existing customers by looking at the previous 12 years, subtracting the highest and lowest production years and taking an average of the remaining 10 years.
- The amount of water required to serve the outstanding water unit commitments includes the actual allocation for Virtual Meters, Zero Use Meters and Outstanding Units for which a Water Will Serve Commitment has been issued.

For 2021, the water production forecast is $1298 + 332 = 1630$ AFY

Templeton Community Services District Projected Water Supply

Buffer 20% of Supply Capacity

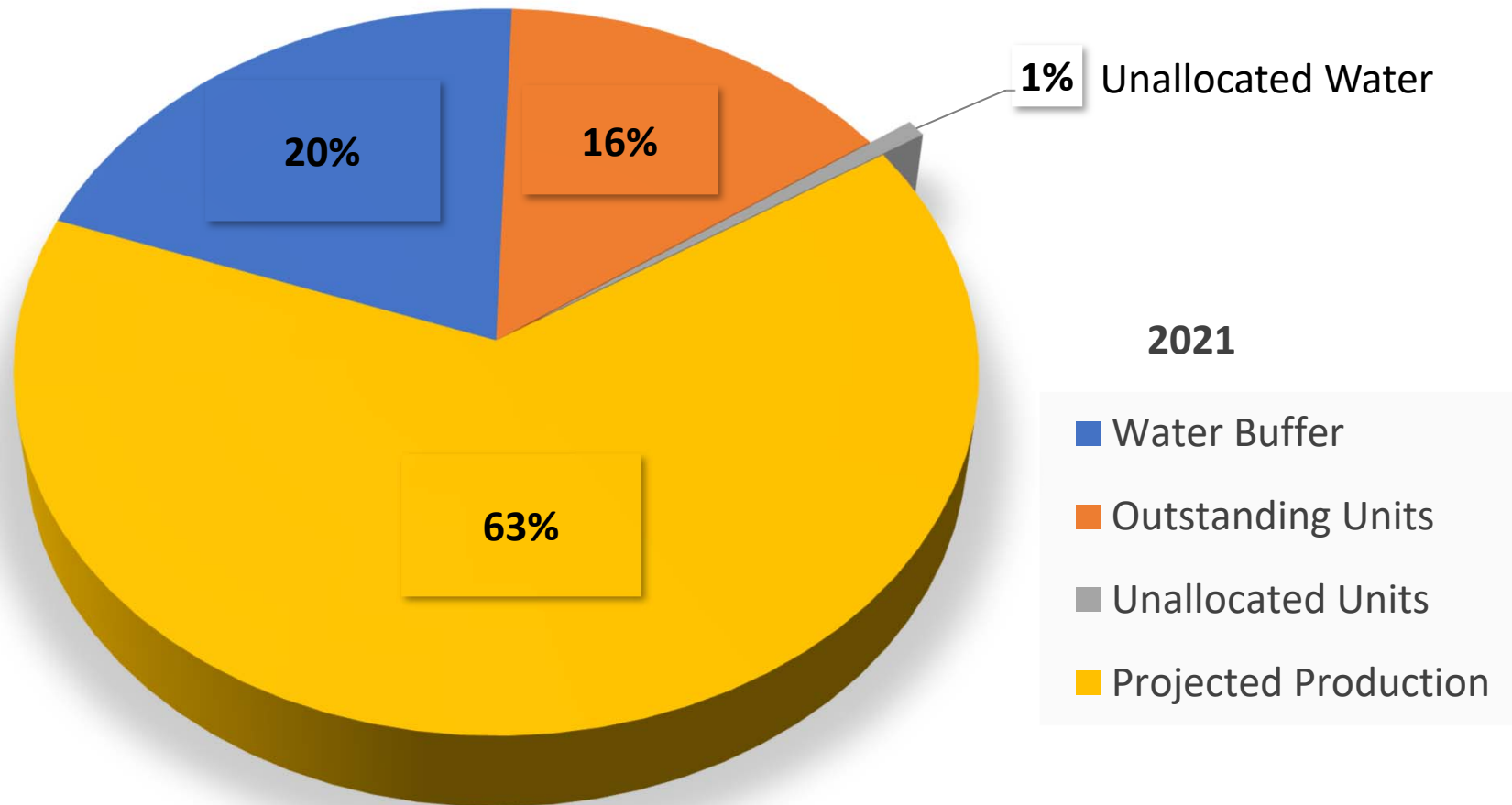
Data Through December 2021



Patterns Shown

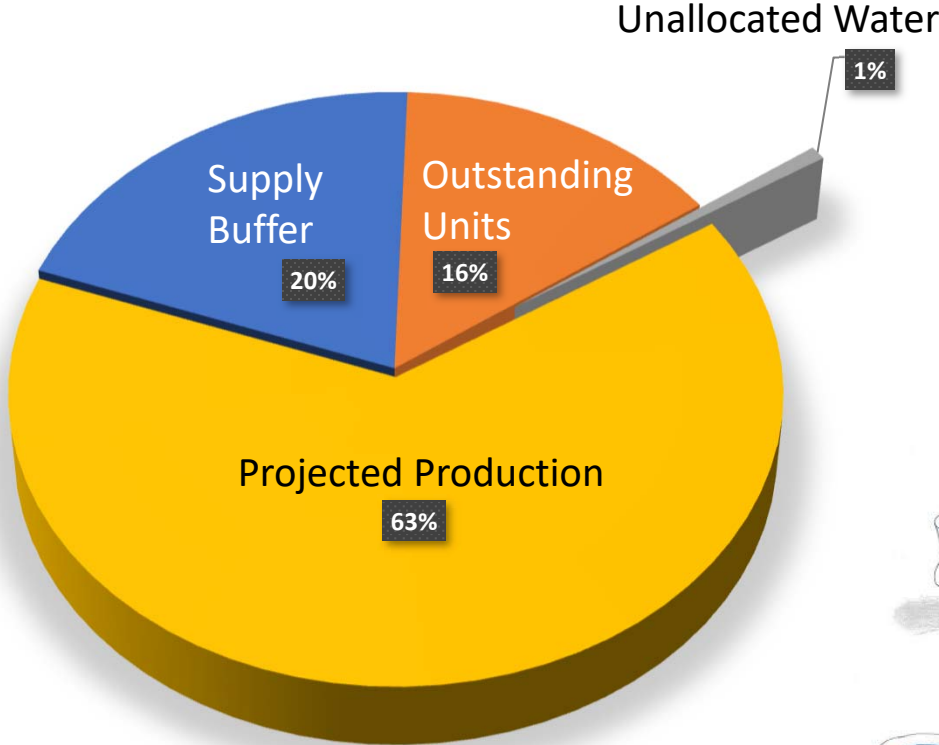
- Water Production has increased annually, however the increases are modest as District customers are continuing water savings practices.
- The number of actual new water meter hook-ups in 2021 was very low, presumably due in large part to the COVID pandemic.
- As the community continues to build out, additional wastewater flows will also gradually increase available supply over time.
- The model continues to predict that additional water units will become available when the Nacimiento water is relocated to the Creekside site.
- Assumptions will be evaluated and the model updated annually.

Conclusion and Recommendation



- **Current projections show 23 acre-feet in unallocated water, which equivalent to 36 water units @ 575 gpd.**

2021 Unallocated Water = 23 AFY ~ 36 Water Units of Use @ 575 gpd



Questions?

