Scotts Valley Water District
Development Nexus with Water Management

SVWD Board Meeting
February 13th, 2020
California Water Law

Water Districts shall:

- Provide water to meet the needs of a community (present and future beneficial uses)
- Have discretion to issue moratorium in a declared water shortage emergency

Water Districts shall NOT:

- Have the authority to determine the need of a community
- Issue moratoria as a pretext to a no-growth policy

California’s waters cannot be owned by individuals, businesses or governmental agencies.
Capacity to meet Demand

Supply
- Groundwater
- Recycled water
- Supplemental water
- Process water
- Unaccounted for water
- Water use efficiencies

System
- Wells
- Treatment Plants
- Pump Stations
- Reservoirs
- Distribution System
- Staffing
Water Supply and Demand
Scotts Valley subarea of Santa Margarita Groundwater Basin

Annual Safe Yield: 2,600 AFY (Average Year)

Annual Pumping by Various Entities
1975: 1388 AFY (452 MGY)
1995: 3030 AFY (987 MGY)
2015: 1779 AFY (580 MGY)
Groundwater Production

Start of declining SVWD Production

< 2014 Demand
## Population and Demand

<table>
<thead>
<tr>
<th>Scotts Valley Water District</th>
<th>1975</th>
<th>1995</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>4,500</td>
<td>8,797</td>
<td>10,774</td>
</tr>
<tr>
<td>Change</td>
<td>+95%</td>
<td>+22%</td>
<td></td>
</tr>
<tr>
<td>Demand (acre feet per year)</td>
<td>500</td>
<td>1,533</td>
<td>1,133</td>
</tr>
<tr>
<td>Change</td>
<td>+207%</td>
<td></td>
<td>-26%</td>
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</tbody>
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District Demand

- Serving 10,700 people with 4,200 service connections
- 2019 potable water demand - 1,109 AFY or 361 MGY
  - 21% less than 2013 (1,401 AFY)
  - 47% less than 2003 (2,076 AFY)
  - About same as 1986 (1,143 AFY) when serving 6,590 people
- 2019 recycled water demand - 175 AFY or 57 MGY
  - Fairly consistent in last 10 years
Development Activity

- **Recent 5 year period / 2015-2019**
  - About 200 new connection: 10 MGY new potable demand
  - Bethany and Enterprise revitalization: appr 10 MGY additional demand
  - Total potable demand declined from 457MGY to 361MGY

- **Current activity / 2020-2023**
  - 38 active service applications: 239 new potable connections (plus 13 new recycled water connections)
  - 18.5 MGY new potable demand
  - $5M in capacity fee revenue
Average Annual Water Use

SVWD 400 MGY

- AVERAGE HOME 60,000 GY (0.015%)
- EFFICIENT HOME 45,000 GY (0.011%)
- 100 HOMES 4.5 MGY (1.1%)
- HOTEL 1.5 MGY - 3 MGY (0.4% - 0.8%)

MGY - Million Gallons per Year
GY - Gallons per Year
Look forward hearing from you

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