Outlook as of August 1, 2020

We began calendar year 2020 with groundwater storage well within Stage 1 (Normal) of the Water Shortage Contingency Plan of Valley Water. Despite well below-normal local rainfall and statewide snow pack, end of year groundwater storage for 2020 is projected to be well within Stage 1.

**Local Reservoirs**
- Total August 1 storage = 56,423 acre-feet
  - 62% of 20-year average for that date
  - 34% of total unrestricted capacity
  - 51% of restricted capacity (166,266 acre-feet total storage capacity limited by seismic restrictions to 111,421 acre-feet)
- Approximately 870 acre-feet of imported water delivered into Calero Reservoir during July 2020
- Approximately 3,230 acre-feet of water released from Anderson Reservoir during July 2020. Since the Federal Energy Regulatory Commission order to drawdown Anderson Reservoir was issued on February 20, 2020, cumulative release from Anderson is approximately 4,730 acre-feet. Majority of released water was used for groundwater recharge and delivery to water treatment plants (based on preliminary hydrologic data)
- Total estimated releases to streams (local and imported water) during July was 6,850 acre-feet (based on preliminary hydrologic data)

**Treated Water**
- Above average demands of 12,254 acre-feet delivered in July
- This total is 102% of the five-year average for the month of July
- Year-to-date deliveries = 55,580 acre-feet or 101% of the five-year average

**Groundwater**
- Groundwater conditions are good. Total storage at the end of 2020 is projected to be in Stage 1 (Normal) of Valley Water’s Water Shortage Contingency Plan.

<table>
<thead>
<tr>
<th></th>
<th>Santa Clara Subbasin</th>
<th>Llagas Subbasin</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Santa Clara Plain</td>
<td>Coyote Valley</td>
</tr>
<tr>
<td>July managed recharge estimate (AF)</td>
<td>4,400</td>
<td>1,550</td>
</tr>
<tr>
<td>January to July managed recharge estimate (AF)</td>
<td>26,400</td>
<td>7,800</td>
</tr>
<tr>
<td>January to July managed recharge, % of 5-year average</td>
<td>83%</td>
<td>90%</td>
</tr>
<tr>
<td>June pumping estimate (AF)</td>
<td>8,250</td>
<td>1,300</td>
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<tr>
<td>January to June pumping estimate (AF)</td>
<td>37,450</td>
<td>5,500</td>
</tr>
<tr>
<td>January to June pumping, % of 5-year average</td>
<td>134%</td>
<td>108%</td>
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<tr>
<td>Current index groundwater levels compared to last July</td>
<td>Lower</td>
<td>Lower</td>
</tr>
</tbody>
</table>

AF = acre-feet
Imported Water

- Current 2020 State Water Project (SWP) and Central Valley Project (CVP) allocations:
  - 2020 SWP allocation of 20%, which provides 20,000 acre-feet to Valley Water
  - 2020 South-of-Delta CVP allocations are 70% for M&I and 20% for Agriculture, which provide 97,620 acre-feet to Valley Water
- Statewide reservoir storage information, as of August 2, 2020:
  - Shasta Reservoir at 58% of capacity (83% of average for this date)
  - Oroville Reservoir at 53% of capacity (73% of average for this date)
  - San Luis Reservoir at 47% of capacity (97% of average for this date)
- Valley Water’s Semitropic groundwater bank reserves are at 98% of capacity, or 344,662 acre-feet, as of June 30, 2020
- Estimated SFPUC deliveries to Santa Clara County:
  - Month of June = 4,376 acre-feet
  - 2020 total to date = 18,046 acre-feet
  - Five-year annual average = 48,700 acre-feet
- Board Governance Policy No. EL-5.3.3 includes keeping the Board informed of imported water management activities on an ongoing basis. One imported water agreement has been executed under EL-5.3.3 since the last Water Tracker update

Conserved Water

- Saved 73,500 acre-feet in FY19 from long-term program (baseline year is 1992). This will be updated in August for FY20
- Long-term program goal is to save nearly 100,000 acre-feet by 2030 and 110,000 acre-feet by 2040
- The Board continues its call for a 20% reduction and a limit of three days per week for irrigation of ornamental landscape with potable water
- Through June, achieved a 17% reduction in water use in calendar year 2020, compared to 2013

Recycled Water

- Estimated July 2020 production = 2,255 acre-feet
- Estimated year-to-date through July = 9,167 acre-feet or 90% of the five-year average
- Silicon Valley Advanced Water Purification Center produced an estimated 1.5 billion gallons (4,568 acre-feet) of purified water in 2019. Since the beginning of 2020, about 4,328 acre-feet of purified wafer has been produced. The purified water is blended with existing tertiary recycled water for South Bay Water Recycling Program customers

Alternative Sources

- As of December 10, 2019, Valley Water’s wastewater contract right from Palo Alto/Mountain View remains at 10,000 acre-feet/year