

Ventura County Waterworks District No. 1 (Moorpark)

EXHIBIT 1



Updated Nov 2022

WWD 1 Citizens' Advisory Committee Meets the Second Thursday of Every Month at 3:30 p.m. in the County of Ventura, Water & Sanitation Department, Aqua Room, 6767 Spring Road, Moorpark CA 93021

Administration

- County of Ventura Supervisorial District No. 4
- Ventura County Board of Supervisors is the governing body.
- Appointed, 5-member Citizens' Advisory Committee
- County of Ventura Water and Sanitation is responsible for the operation and maintenance of the potable water, sewer, and recycled water system

Citizens' Advisory Committee

5-Members

Statistics

- Formed: November 22, 1921
- Area served: Boundaries include all the City of Moorpark and contiguous, unincorporated areas North and West of the City
- Size of District: Encompasses approximately 21,567 acres
- Population Served: Approximately 36,625
- Gets water from local and imported sources (approximately 77% imported, remainder 23% from local groundwater).
- Annual Water Production: 9,769 AF (2021)
Average wastewater flow 1.95 MGD
- Number of Sewer Accounts: 9,865
- Number of Recycled Water User Accounts: 20
- Recycled water produced in 2021: 1018 AF
- Number of Water Accounts
 - Residential: 10,018
 - Agricultural & Landscape: 610

Infrastructure

Miles of Water Lines	177
Miles of Sewer Lines	107
Miles of Reclaimed Water Lines	7
Number of Groundwater Wells	5
Number of Tanks (Reservoirs)	19
Number of Booster Pump Stations	11
Number of Lift Stations	4

Major Projects Completed in the Last 10 Years

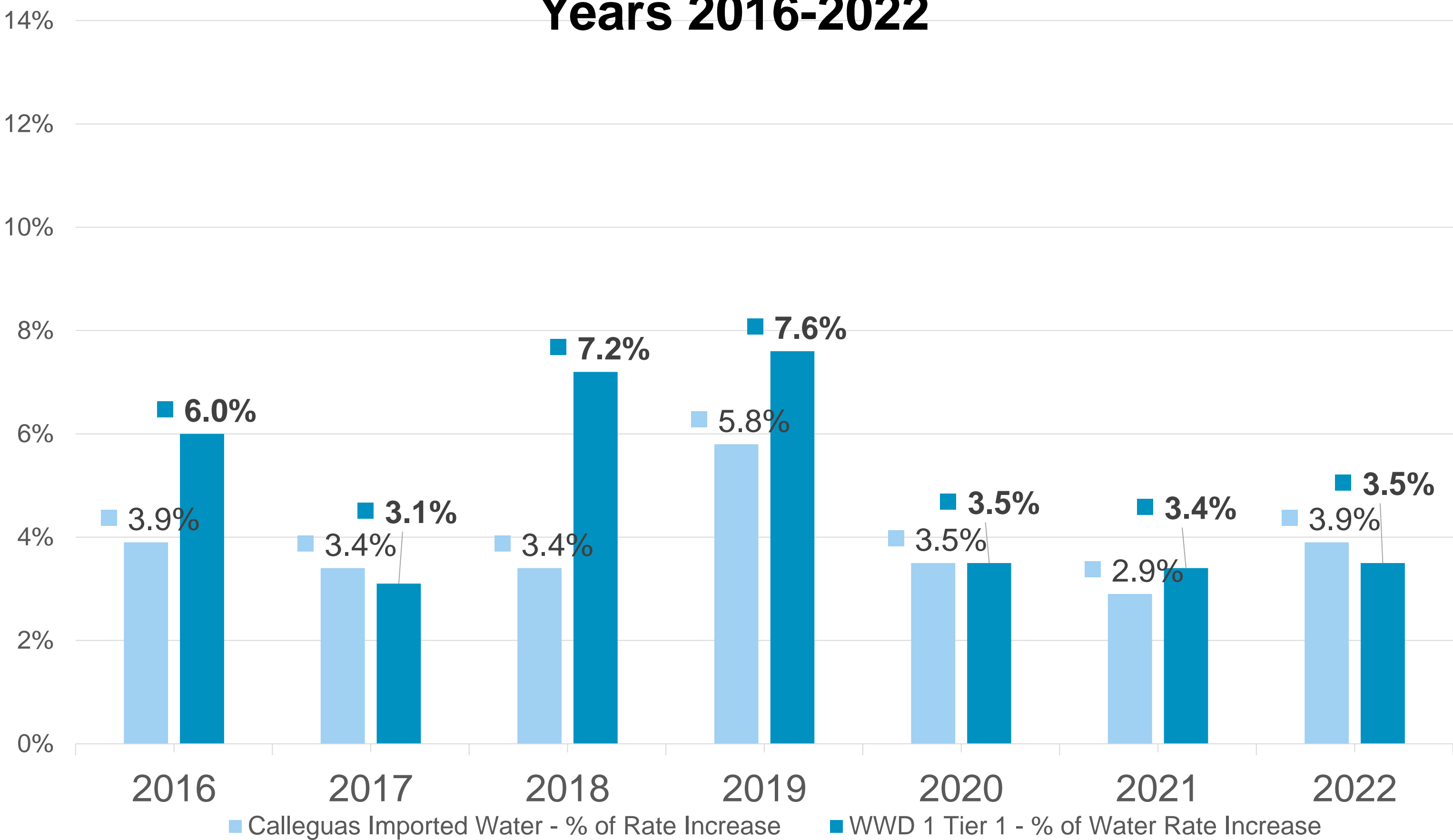
CIP Water	CIP Sanitation
<ul style="list-style-type: none">• Reservoir Recoating-Moorpark Yard, Fairview, S&K, Gabbert, College I/II, Palmer, Mtn Meadows• Asset Management CMMS with GIS field devices & access to record drawings• SCADA/Co. Microwave System Upgrade• AMI Meter reading system• Reservoir mixers & chlorine residual analyzer at Palmer & Moorpark Yard reservoirs	<ul style="list-style-type: none">• MWTP 1 MW Solar Electric• Recycled Water Ph-4• MWRF Admin & Lab Bldg• 21-inch sewer along Arroyo Simi, N. of L.A. Avenue• MWTP Biolac automation

Major Projects Ongoing/Planned

CIP Water	<ul style="list-style-type: none">• Master Plan/UWMP• Stockton and Grimes Reservoirs• Well 97• Moorpark Desalter• Stormwater Recharge Project• Upgrade from solar to SCE at Tierra Rejada reservoir
CIP Sanitation	<ul style="list-style-type: none">• MWRF Hwy 118 – Left turn• MWTP Headworks Screen Replacement• MWTP Biosolids Drying and Disposal Facility• Sewer Replacement and Relining• Recycled water system expansion• Pump station #1 upgrade• MWRF BESS – Battery Energy Storage System
Development	<ul style="list-style-type: none">• Tract 5517-Moorpark Studios• Tract 5906-Moorpark Industrial Park• Tract 5847-West Point Homes• Tract 5708-Hitch Ranch• VTTM 5137• PRD 2012-02• RDP 2013-01
O&M	<ul style="list-style-type: none">• Upgrade from AMR to AMI• Reservoir Maintenance Recoating & Lining• Sewer Capacity and Flow Study• Establish Source Control & FOG Program

Rate Increase History / Year Percentage Increase

Imported Water Rate increase per Calendar Years 2016-2022



Challenges

- Management of Las Posas Basin groundwater adjudication
- Rising imported water costs
- Rate increases from drought-imposed allocations assessments from MWD and Calleguas.
- Aging infrastructure
- Increasing Southern California Edison power costs for pumping
- Changes in water and sewer system permit conditions – regulatory. Maintaining compliance with wastewater facility discharge and water systems operating permits.
- TMDL compliance
- Reduced local water supply – GMA allocation & necessity to purchase more imported water at a higher cost.
- Labor costs and below-market wage rates (employee retention)
- Demographics of aging staff, secession planning, and losses through attrition
- Optimize recycled water delivery
- Water quality – Well 20 -Taste & Odor
- RW permit amendment (WRR) for 3.0 MGD.

Ventura County Waterworks District No. 19 (Somis)



WWD 19 Citizens’ Advisory Committee Meets the Third Thursday of Even Months at 3:30 p.m. in the County of Ventura, Water & Sanitation Department, Aqua Room, 6767 Spring Road, Moorpark CA 93021

Administration

- County of Ventura Supervisorial District No. 2
(Appoints 4 Citizens’ Advisory Committee members)
- County of Ventura Supervisorial District No. 3
(Appoints 1 Citizens’ Advisory Committee member)
- Ventura County Board of Supervisors is the governing body.
- County of Ventura Water and Sanitation Department is responsible for the operation and maintenance of the potable water system.

Citizens’ Advisory Committee

5 Members

Statistics

- Formed: November 4, 1980
- Area served: Includes the community of Somis and surrounding areas.
- Size of District: Encompasses approximately 14,420 acres
- Population Served: Approximately 1,429
- Gets water from local and imported sources (approximately 12% imported, remainder 88% from local groundwater).
- Annual Water Production: 2,194 AF (2021)
- Number of Accounts
 - Residential: 789
 - Agricultural: 265
 - Commercial, Municipal, Industrial: 38

Infrastructure

Miles of Water Lines	46
Number of Groundwater Wells	3
Number of Tanks (Reservoirs)	8
Number of Booster Pump Stations	7
Number of Pressure-Reducing Stations	15

Major Projects Completed in the Last 10 Years

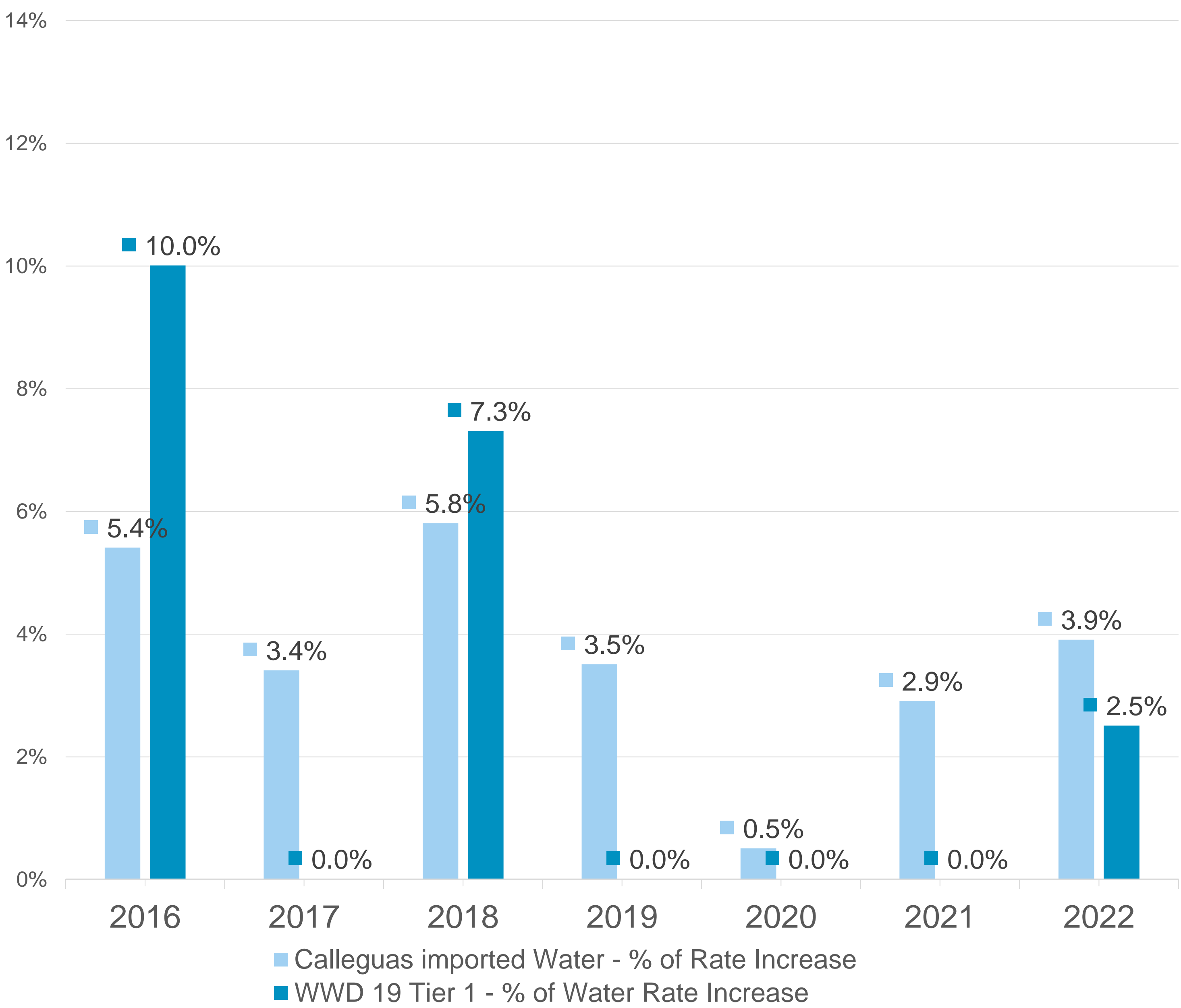
CIP Water	Development
<ul style="list-style-type: none">• County Roads Pipeline• Sand Canyon BPS• Well 2 Treatment Facility• SCADA/County Microwave System Upgrade• Asset Mgmt. CMMS With GIS Field Devices & Access to Record Drawings• Greentree I/II Reservoir Recoating	Balcom Canyon Rd. Pipeline

Major Projects Ongoing

CIP Water	O&M
<ul style="list-style-type: none">• Well No. 2 Iron and Manganese Treatment Facility to be completed July 2022• Zone 538 Reservoir and Transmission Line Replacement• Well No. 5 Iron and Manganese Treatment Facility• Somis farmworker housing development project	<ul style="list-style-type: none">• Upgrade from AMR to Advanced Metering Infrastructure (AMI)• Reservoir Maintenance Recoating & lining• Well 4 booster VFD replacement• Emergency generator for Reservoir 538 pump station

Rate Increase History/Year Percentage Increase

Imported Water Rate increase per Calendar Years 2016-2022



Challenges

- Aging infrastructure- excessive miles of pipeline with disproportional low number of customers
- Decreasing water quality – elevated Water Hardness, Chlorides, Iron & Manganese in local groundwater
- Management of Los Posas Basin groundwater adjudication
- Rising SCE power costs for pumping
- Changes in water system permit conditions- regulatory-Fe/Mn
- Limited funding available (grants & loans)
- Reduced local water supply- GMA allocation & necessity to purchase more imported water at higher cost

Ventura County Waterworks District No. 38 (Lake Sherwood)

WWD No. 38 Citizens' Advisory Committee Meets Quarterly on the Third Thursday of the Month at 3:30 p.m. in the Conference Room at the Sherwood Lake Club, 341 Williamsburg, Thousand Oaks, CA 91661

Administration

- Ventura County Board of Supervisors is the governing body.
- County of Ventura Supervisorial District No. 3.
- Appointed, five-member Citizens' Advisory Committee
- County of Ventura Water and Sanitation Department is responsible for the operation and maintenance of the potable water system.

Citizens' Advisory Committee

5 Members

Statistics

- Formed March 28, 1989
- Area served: The Lake Sherwood community
- Size of District: Encompasses approximately 1,938 acres
- Population Served: Approximately 1,759
- Receives 100% imported water
- Annual Water Purchased: 1,820 AF (2021)
- Number of Accounts
 - Residential: 733
 - Agricultural: 0
 - Commercial, Municipal, Industrial: 49

Infrastructure

Miles of Water Lines	19
Number of Groundwater Wells	0
Number of Tanks (Reservoirs)	2
Number of Pressure-Reducing Stations	4
Number of Booster Pump Stations	2

Major Projects Completed in the Last 10 Years

Development

- Zone II BPS MCC upgrade
- TR 4191-6
- TR 4192- 1 through 3
- TR 4409-6
- SCADA/County Microwave System Upgrade
- Asset Mgmt. CMMS with GIS Field Devices & Access to Record Drawings
- Upgrade From AMR to Advanced Metering Infrastructure (AMI)
- Zone II Pump station emergency generator

Major Projects Ongoing/Planned

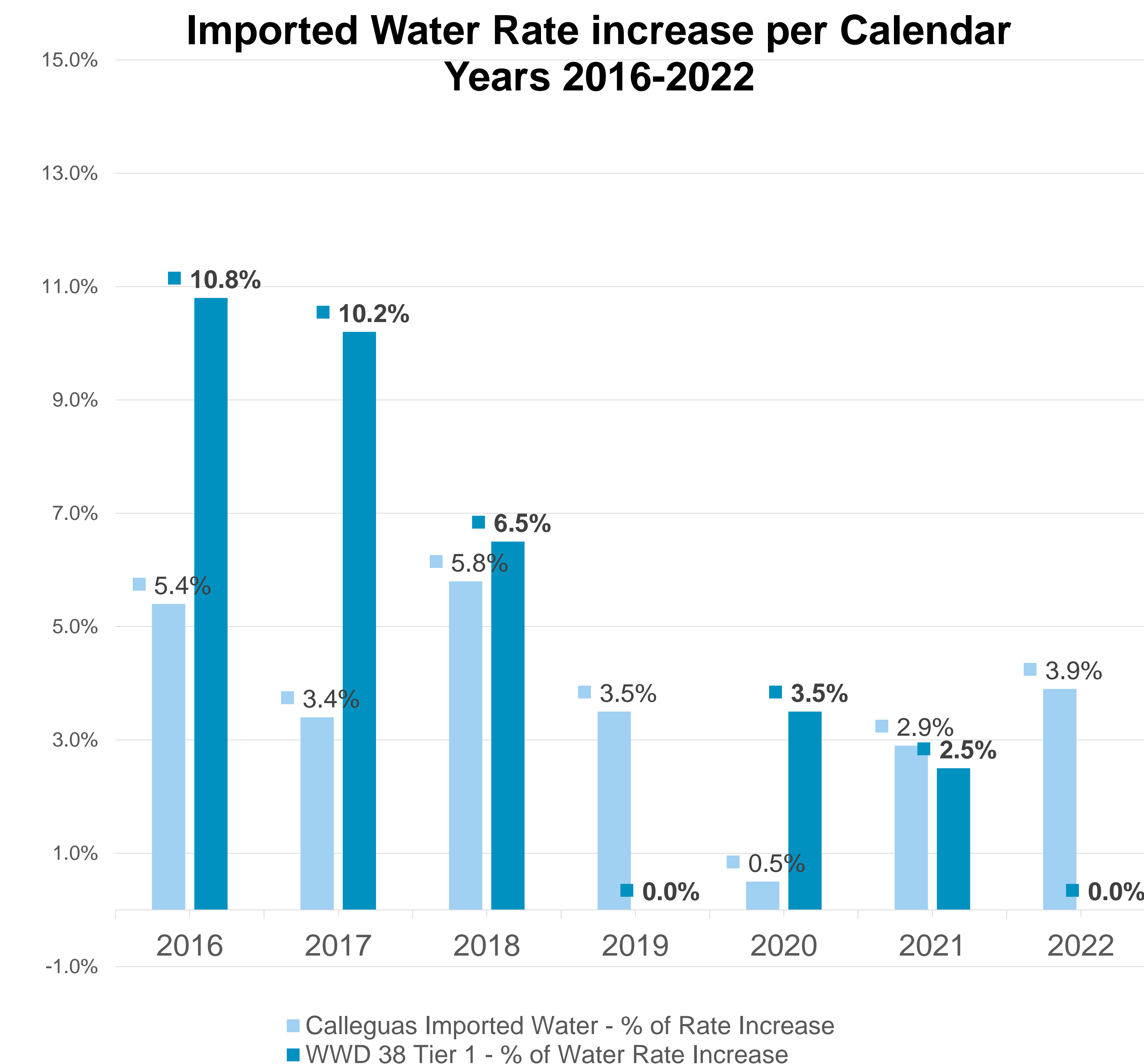
O&M

- Upgrade PLC at zone II reservoir
- Add SCADA at Williamsburg PR station
- Install 6" zone meter at Zone III pump station

Development

- TR 4192-5 & 6

Rate Increase History/Year Percentage Increase



Challenges

- Rising Imported water costs
- Rising SCE power costs for pumping
- Restrictions due to ongoing drought