

# Supplemental Information Packet

Agenda Related Items – Meeting May 25, 2021  
Agenda Item 2, 3 and 4 Presentations

Supplemental Packet Date: May 25, 2021

D. Gallegos

**Supplemental Information:**

Any Agenda related public documents received and distributed to a majority of the City Council after the Agenda Packet is printed are included in Supplemental Packets. Supplemental Packets are produced as needed. The Supplemental Packet is available in the City Clerk's Office, 501 Poli Street, Room 204, Ventura, during normal business hours as well as on the City's Website - <https://www.cityofventura.ca.gov/716/Water-Commission>.



# Final Draft 2020 Urban Water Management Plan

Water Commission Meeting  
May 25, 2021



[www.cityofventura.ca.gov](http://www.cityofventura.ca.gov)



@CityofVentura



@CityofVenturaGovernment

## UWMP Purpose

- Water supply planning near-term (2021-2025 assuming drought) and long-term (2025-2045) in 5-year increments
- Identifies and quantifies adequate water supplies in normal, single-dry, and 5-year drought period
- Review of water uses and water loss
- Required for grant funding and loan funding and drought assistance from State

## UWMP Components

- Description of service area
- Historical water uses and sources
- Compliance with existing and pending water use targets
- Projected water supplies and projected demands under different hydrologic conditions
- Effects of climate change, infrastructure and water quality on water supplies
- Energy intensity of water
- Demand Management Measures
- Water shortage contingency planning

## Comments Received

- Water Commissioners
- Casitas Municipal Water District (CMWD)

## Summary of Revisions to Draft

- Added language in Section 3.2.1 on recent revisions to Casitas' supply and demand estimates and the potential impact on the City's projected supplies.
  - Updated Casitas' Normal year projected supply to be consistent with the 2021 CWRR.
- Clarified SWP normal supply estimates and edited Table 3-6 to show that the City intends to utilize 1,300 AF of SWP water in Normal years for water quality purposes.

## Summary of Revisions to Draft

- Revised Submittal Table 6-6 and text and in Section 6.3.1.2 to clarify when VenturaWaterPure Program is expected to provide additional water supplies.
- Adjusted Tables 3-8 and 6-3 to include SWP as a source beginning in 2025.
- Revised language on the formation of the Water Commission
- Clarified landscape irrigation usage
- Revised SGWPA exchanges language

## Next Steps

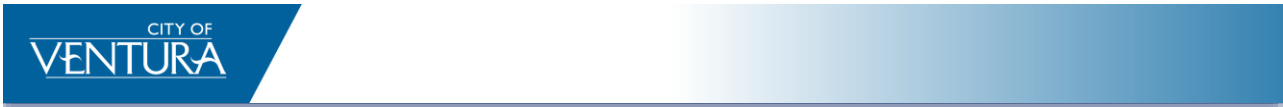
- Public Hearing and Adoption at June 14, 2021 City Council Meeting
- Submittal of Final Plan to Department of Water Resources and State Library
- Final made available to public



## Recommendation

Staff recommends the Water Commission receive this written report and an oral presentation and recommend that the City Council adopt the Final 2020 Urban Water Management Plan.

Questions?



# Draft 2021 Water Efficiency Plan



Water Commission Meeting  
May 25, 2021



## Water Efficiency Plan Overview

- The intent of this Plan is to take lessons learned from past conservation efforts, understand actions needed to comply with upcoming regulations, and implement efficiency programs to achieve water savings and establish long-term water resilience
- Ventura Water last updated the Water Use Efficiency Plan in 2010. Since then, Ventura Water has implemented several successful water conservation efforts
- It is consistent with the 2020 Water Shortage Event Contingency Plan (WSECP) and 2020 Urban Water Management Plan (UWMP)
- The WEP builds upon the goals and objectives developed by the Water Efficiency Task Force

## Water Efficiency Goals

- Improve Water Loss Control
- Water Efficiency Education and Information Campaign
- Reduce Outdoor Water Use
- Improve Water Resources Management



## Drivers for Water Efficiency

- Meeting Existing and Future Needs of City and Residents
- Meeting Regulatory Requirements
- Reducing Reliance on the Delta
- Reducing Wastewater Utility Demand
- Address Short-Term Emergencies
- Improve Management of Water Resources

Making  
Conservation  
a California  
Way of Life



## Lessons Learned from Past Water Efficiency

Ventura's past successes have resulted in a 40% decrease in water consumption in the last 20 years

The water efficiency program has resulted in water savings of over 236 billion gallons

Residential and commercial water surveys resulted in the most water savings

Through AMI/WebConnect, leaks are more quickly detected and repaired

Majority of customer water conservation programs are focused on outdoor water conservation

Conservation programs have received considerable interest with a focus on indoor and outdoor residential rebates and giveaways

## Operational Water Efficiency Actions

- 2 FTE positions dedicated to water conservation
- Water Waste/Landscape Ordinances
- Meter Upgrade Project
- Customer Care
- Volumetric Pricing
- Fire Training
- Professional Development
- Parks and Recreation Dept BMP's for water efficiency
- Backflow testing
- NO-DES Truck
- Water Loss Control/Auditing
- AMI WebConnect leak detection success



## Rebates/Programs

### Successes since 2016

Rebate/Program	Quantity	Water Savings (Est)
Residential Water Surveys	484	--
High Efficiency Toilets	76	--
High Efficiency Washing Machine Rebates	276	--
Instant Hot Water Recirculating Pump	524	7.8 million gallons per year
High Efficiency Sprinkler Nozzles	10,990	19.5 million gallons per year
Smart Irrigation Controllers	609	8.1 million gallons per year
Turf Replacement	530,000 Sq Ft Removed	6.8 million gallons per year
Commercial Controllers	110	8.1 million gallons per year
Rain Barrel Voucher	680	--

## Residential and Commercial Programs



**ENFORCEMENT OF  
GREEN BUILDING  
CODE**



**IRRIGATION  
RETROFIT  
PROGRAM**



**DRIP  
IRRIGATION  
RETROFIT**



**COMMERCIAL  
WATER AUDITS**

## Recycled Water & Greywater

- Mobile Reuse Program was used for landscape irrigation at city/state parks and dust control
- Ventura Water has offset potable water demands with 41.5 AF of recycled water through this program
- The City of Ventura provides information to customers interested in installing greywater systems

### RESIDENTIAL Recycled Water Mobile Reuse Program



## Public Information and Outreach

### Newsletter



### Social Media



### Giveaways & Outreach Materials



### WebConnect



### Water Awareness Events





Since 2017, 30,000 students reached at 17 K-12 schools

School Year	Students Reached	Classroom Presentations
2016-2017	-	-
2017-2018	6,210	240
2018-2019	5,800	234
2019-2020	4,150	125
2020-2021	Postponed due to COVID-19	-



FREE CLASSROOM PRESENTATIONS						
	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
<b>Lesson Topics</b>	<i>Go with the Flow</i> Water sources and water conservation	<i>Don't Doubt the Drought</i> Water conservation	<i>Rivers and Streams of Our Watershed</i> Water cycle demonstration	<i>A Drop in the Bucket</i> Water conservation	<i>Mountains to Mouth</i> Hands-on water treatment experiment	<i>The Incredible Journey</i> Water cycle simulation through interactive game
<b>NOSS</b>	<b>K-ESS3-3</b>	<b>1-LS1-1</b>	<b>2-ESS2-2</b>	<b>3-5-ETS1-2</b>	<b>3-5-ETS1-1</b>	<b>5-ESS2-2</b>
<b>Requirement</b>	Indoor or outdoor	Indoor or outdoor Groups of 4-6 students	Indoor or outdoor Groups of 4-6 students	Desk or table space Groups of 4-6 students	Desk or table space Groups of 4-6 students	Outdoor

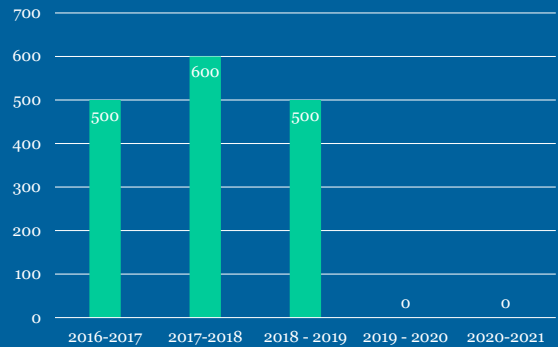
For more information on field trips and education opportunities visit [www.venturawater.net](http://www.venturawater.net)

## Facility Tours

In partnership with MERITO Foundation, Facility Tours are held at the Ventura Water Reclamation Facility



Students conduct water quality testing at wildlife ponds and assess ecosystem health through bird species identification



## Challenges and Opportunities

- Implement operational programs to meet upcoming state water loss standards
- Focus on outdoor water conservation
- Consider providing incentives for indoor commercial equipment
- Provide rebates for multi-family residential and commercial accounts
- Offer landscape design to increase turf removal program participation
- Conduct water specific public information surveys
- Targeted outreach to customers with above normal water use
- Many conservation programs have been funded by grants, with new funding coming out at state and federal levels, there will be opportunities to pursue additional funding for conservation

## Today's Recommendation

- Staff Recommends the Water Commission review and provide comments on the Draft 2021 Water Efficiency Plan



# Questions?



# Draft 2021 Water Commission Work Plan

Water Commission Meeting  
May 25, 2021



[www.cityofventura.ca.gov](http://www.cityofventura.ca.gov)



@CityofVentura



@CityofVenturaGovernment

## Work Plan Background and Purpose

- In June 2019, the City's Municipal Code was updated to require each City Commission, Board and Committee develop and submit a Work Plan
- Work Plan shall include items that support City Council fiscal year goals as well as other activities
- Work Plan was not developed in 2020 due to pandemic
- Purpose: To provide City Council with information on tasks and accomplishments

## Work Plan Components

- City Council FY 21/22 Goal (if applicable)
- Action/Activity
- Target Date(s)
- Status

## Council Goals and Related Activities

### City Council Goal 5:

Implement new water and wastewater rates, including updated Net Zero Fee

### City Council Goal 2:

VenturaWaterPure

- A. Hire Program Director and begin filling in team members
- B. Acquire site for advanced purification facility
- C. Complete design and prepare bid documents

## Other Activities

- Proposed 2022-2028 Capital Improvement Program
- State Water Interconnection Project
- 2020 Urban Water Management Plan
- 2021 & 2022 Comprehensive Water Resources Report
- 2020 Water Shortage Event Contingency Plan, Water Conservation and Water Shortage Regulations, Water Conservation Program, and 2021 Water Efficiency Plan
- Utilization of State Water Project Allocation
- Sustainable Groundwater Management Act (SGMA) Implementation Updates
- Advanced Metering Infrastructure (AMI) Project Update/ Opt-Out Policy

## Next Steps

- Finalize Plan (Tonight or June 22<sup>nd</sup> Meeting)
- July 2021– Submit Work Plan to City Clerk’s Office
- September 2021 – Submit Updated Work Plan to City Clerk’s Office
- By end of 2021 – City Clerk’s Office to provide update to City Council of activities of all City Commissions, Boards and Committees

## Recommendation

Staff recommends the Water Commission receive this written report and an oral presentation on the Draft 2021 Water Commission Work Plan, provide feedback, and either adopt the Work Plan for submission to City Council or direct Staff to return in June with an updated Work Plan for Water Commission consideration.



Questions?