Goleta Water District Sustainability Plan

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Goleta Water District

- Established in 1944
- 5-member elected Board
- Provides water to 87,000 people in the Goleta Valley
Water Uses in the Goleta Valley

- Urban: 68%
- Agriculture: 21%
- Landscape Irrigation: 11%
Goleta Water District Sustainability Plan

Illustrates the District’s sustainable approach to service delivery for current and future customers
To provide an adequate supply of quality water at the most reasonable cost to the present and future customers within the Goleta Water District.

Sustainability investment occurs across all categories of GWD service delivery.

Service Delivery
- Customer Service and Business Operations
- Administration Buildings and Fleet Management
- Water Supply, Treatment, and Distribution System

Three Guiding Principles

- Social
  Healthy communities and productive work environments

- Environmental
  Resource stewardship, independence and emergency preparedness

- Economic
  Enhanced value creation for District customers
3 Categories of Service Delivery

- Customer Service and Business Operations
- Administration Buildings and Fleet Management
- Water Supply, Treatment, and Distribution System
Looking Through the Sustainability Lens

- Provides an overview of existing and future multi-year efforts in one document
- Informs decision-making
Looking Through the Sustainability Lens

Drought

Steelhead Trout

1950’s Distribution System
Producing Sustainable Outcomes
District Strategies for Producing Sustainable Outcomes

SOCIAL
Healthy communities and productive work environments

ENVIRONMENT
Resource stewardship, independence and emergency preparedness

ECONOMIC
Enhanced value creation for District customers
Social Sustainability

SOCIAL
Healthy communities and

[Images of a rebate program participant, a customer service desk, and a girl holding a sign saying "I SAVE WATER INDOORS and OUTDOORS!"]

[Icons representing independence and emergency preparedness, and for district customers]
Social Sustainability Strategies

- Improve community education and public engagement
- Ensure safe, clean, reliable water supplies to protect health and safety of community
- Implement customer rebate and incentive programs
- Enhance the safety, wellbeing, and productivity of District workforce
Economic Sustainability

SOCIAL
Healthy communities and

independence and
emergency preparedness

for District customers
Minimize water loss and maximize accounting of water use

Maintain, rehab, improve water distribution and treatment infrastructure

Mitigate water supply risks and seek out alternative sources of water supply

Keep pace with technological advances
Environmental Sustainability

SOCIAL
Healthy communities and

Resource stewardship, independence and emergency preparedness

Enhanced value creation for District customers

County-Wide Percent-of-Normal Water-Year Rainfall
Updated through October 1, 2019
(Rainfall as a percentage of an average water-year)

111% 120% 130% 140% 150% 200% 245%
Water Year
Environmental Sustainability Strategies

- Improve efficiency of water distribution system and mechanical equipment
- Explore and invest in renewable energy installations
- Minimize environmental impacts of District administrative operations
- Improve sustainability of District fleet and heavy equipment
Reflect back on District activities and sustainable outcomes

Identify appropriate adjustments to priorities, timelines, or approaches
Tracking Progress
Targeted outreach helped achieve a 30% reduction in water use.

E-billing reduced customer walk-ins by 25% since 2013.

1,108 customer rebates saved 128 million gallons of water.
Seven Years of Progress

Climate Change Resiliency and Emergency Preparedness

- LED lighting installations throughout District parking lot save energy
- Vehicle charging station installed for employee and public use
- Solar energy system offsets electricity use and costs at well site
Seven Years of Progress

Service Reliability and Reduced System Water Loss

Well and groundwater infrastructure upgrades increase production capacity

Valve Replacement Program ensures ongoing reliable service to customers

Water loss control program saves water and costly emergency repairs
Looking Ahead
Looking Ahead

Addressing a changing service delivery environment

- Drought resiliency
- Replenish groundwater basin
- Increasing water supply costs
Looking Ahead

Confronting new challenges

- Severely burned watershed
- Submerged vegetation in lake bed
Looking Ahead

Maintaining and replacing an aged distribution system
Thank you

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Goleta Water District Sustainability Plan
Available online at www.goletawater.com/documents