

The Cayucos Sustainable Water Project

The Cayucos Sustainable Water Project (CSWP) provides:



Community Sustainability



Ownership



Local Governance

Town Hall Presentation Overview:

1. Project Introduction & Charter
2. Wastewater Characterization
3. Beneficial Use
4. Site Constraint Analysis
5. Wastewater Collection System Evaluation
6. Funding & Financing

CSWP Next Steps:

- ✓ Comparative Analysis
- ✓ Results Presentation:

February 18, 2016 Board of Directors Meeting

List of Acronyms:

AADF – Average Annual Daily Flow

AFY – Acre Feet per Year

AOP – Advanced Oxidation Process

BOD – Biological Oxidation Demand

CEQA – California Environmental Quality Act

CSWP – Cayucos Sustainable Water Project

CWSRF – Clean Water State Revolving Fund

DPR – Direct Potable Reuse

FEMA – Federal Emergency Management Agency

Gal/Day – Gallons per Day

GO – General Obligation

IPR – Indirect Potable Reuse

IRWM – Integrated Regional Water Management

LF – Linear Feet

LS – Lift Station

MBCSD – Morro Bay / Cayucos Sanitary District

RO – Reverse Osmosis

RWQCB – Regional Water Quality Control Board

SWRCB – State Water Resources Control Board

TSS – Total Suspended Solids

USBR – United States Bureau of Reclamation

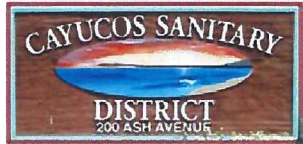
USDA – United States Department of Agriculture

UV – Ultraviolet Light

WRFP – Water Recycling Funding Program

WRRF – Water Resource Recovery Facility

WWTP – Wastewater Treatment Plant



Cayucos Sustainable Water Project

Project Charter

7/23/15

Vision

Provide Cayucos with efficient, reliable and adaptable wastewater treatment, while producing a high quality water supply to benefit the community.

Mission

To deliver a sustainable and cost-effective water resource recovery system for the community of Cayucos within a streamlined schedule.

Objectives and Performance Measures

- Optimize capital investment and life cycle cost
- Maximize value for ratepayers' investment
- Meet the District's schedule
- Obtain grants and low-interest loans to reduce the financial burden on the community
- Provide a facility with appropriate level of automation
- Create professional development opportunities for existing staff
- Design a robust treatment process that minimizes compliance risk
- Communicate with the community to inform and obtain feedback
- Complete the project with full regulatory compliance
- Develop a water resource recovery system that will benefit future generations
- Identify a facility location that benefits the community of Cayucos
- Enhance the community's long-term water supply reliability
- Use proven and dependable technology

Guiding Principles

- Utilize proactive communication to minimize surprises
- Provide decision makers with sufficient documentation and time to support informed decisions
- Provide leadership and share knowledge to benefit the project
- Prepare a detailed schedule and be accountable to it
- Communicate directly and openly amongst the Project Team
- Perform timely and thorough review of project deliverables
- Maintain flexibility to work with members of the project team
- Incorporate sustainability, where practical, in all aspects of the project
- Keep regulatory partners informed and engaged
- Collaborate with internal and external stakeholders to efficiently solve problems
- Utilize cost-conscious decision making
- Inform and listen to the community