

LOS OLIVOS COMMUNITY SERVICES DISTRICT

Workshop No. 3

Project Description for Los Olivos Wastewater Collection and Reclamation

July 31, 2019



***Advisory:** This presentation is for discussion purposes only. The District is in the process of exploring several potential wastewater solutions. A preferred solution, final costs/fees, or assessments to District residents or property has **not** been determined.*

COMMUNITY MEETING

AGENDA

Introductions

Project Description

Options & Next Steps

Question & Comments



COMMUNITY MEETING

WORKSHOP OBJECTIVES

- Introduce proposed Project Description
- Receive additional community input



OPTIONS PRESENTED WORKSHOP #1

1. No Project Not Feasible

2. Regional Solution

2a Solvang Most Expensive & Complex Option, Longest Schedule

2b Santa Ynez No Longer an Option

3. Local Solution

3a Local System Full District Coverage (Integrated)

3b Phased Approach Local Area Management Plan,
Groundwater Monitoring Program and High-Density Core (Phase I)



Project Description – Project Goal

Define a strategy to provide economically viable wastewater treatment and reclamation solutions to the residents and property owners within the District that meets public health needs and the regulatory requirements of the Regional Water Quality Board (RWQCB).

Project Description – Components

Interdependent and Concurrent Implementation

- Development of Residential OWTS Requirements
- Financial Outreach and Assistance
- Implementation of a Local Groundwater Monitoring Program
- Phased Collection And Treatment

Project Description – Residential OWTS Requirements

- Customized LAMP to provide clear guidance on OWTS matters
 - Tailored and focused on needs of Los Olivos Community
 - Equal application to all parcels based on existing site conditions
- The District will administer program (including reporting)
- County EHS retains permitting and enforcement
- Benefits
 - Assist's with District's pursuit of grants and low interest loans
 - Competitive procurement of select vendors
 - Advantageous consortium-based pricing from service providers

Project Description – Financial Outreach & Assistance

Pursue available grants & funding to minimize fee assessment set by State Law/Prop 218

- Public–private partnerships (P3)
- Identify matching fund opportunities
- Program privatization
- Commercial/private financing alternatives

Project Description – Local Groundwater Monitoring Program

- Determine the nature and extent of groundwater impacts
- Investigate known upgradient sources impacting groundwater quality
- Address data gaps associated and critical modeling considerations
- Establish baseline conditions
- Use monitoring result to inform potential future treatment phases
- Results will identify site locations for aquifer recharge & therefore contaminant mitigation

Project Description – Phased Collection & Treatment

Commercial Core selected for initial phase (Phase I)

- Highest density, use and nitrate loading
- Multiple reports recommend action
- Commercial Core easily defined by Zoning (C-2)
- Centrally located and easily expandable
- Beneficial topological nature

AND...

- + Adjacent properties will have ability to connect to the system
- + Groundwater monitoring results will direct Phase I expansion into adjacent high-density areas

Project Description – Phased Collection & Treatment

Treatment Facility

- Membrane Bioreactor (MBR) package plant
- Consistent with policies and development standards
- Wastewater treated to Title 22 levels
- Designed for expansion
- Architecturally consistent look & feel of Los Olivos

Project Description – Phased Collection & Treatment

Collection System

- Collection structure consists of gravity pipelines, lift stations, and effluent handling facilities
- Structures will be connected by privately owned laterals
- Septic systems and leach fields must be abandoned
- Abandonment costs depend on grants and funding sources
- Expansion based on groundwater monitoring results

Project Description – Phased Collection & Treatment

Operations & Maintenance

- Systems operated and maintained by contract operator(s)
- System costs shared equitably by participating parcels
- Parcels not connected initially will be subject to the District's LAMP
- Ongoing monitoring and reporting in accordance with required operating and discharge permits

Project Description – Phased Collection & Treatment

Facility Siting

- Siting factors – availability, proximity, suitability & costs
- Potential locations include – County parcels, institutional parcels, commercial parcels and private land
- Location preference is within District and south of State Route 154

Project Description – Phased Collection & Treatment

Construction Implementation & Timing Phases

1. Project planning, preliminary design, environmental prep and review, and permitting
2. Preliminary design, budgeting and initiation of the Prop 218 process
3. Final Design
4. Advertising and bidding of the various components
5. Service lateral connection coordination
6. Package plant start-up
7. System Operation and Maintenance

The District anticipates a minimum of three years to complete Phase I with the goal of a fully operational as early as late Summer 2022.

Moving Forward

Wednesday, Aug 14 – Regular Board Meeting

- Approved Project Description will set in motion:
 - Pursue Study & Project Grant Funds
 - Draft Local Management Plan,/Groundwater Monitoring Plan
 - Initiate Concept Design & Explore Facility Siting
 - Refine budget
 - Prop 218 Process/Set Permanent Assessment
- Continue coordination with RWQCB & County EHS
- RWQCB Report Public Presentation TBD

