

Los Olivos Community Services District - Septic to Sewer / Water Reclamation Roadmap - WORKING DRAFT

Task	2022				2023									
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Board and Public Education														
District Quarterly Updates														
State of the District (General Manager)														
Solutions workshops														
Regulatory updates (County Env. Health / State Waterboard)														

Engineering / Design	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Stantec 60% design (on hold)														
STEP design														
Evaluate Effluent Disposal options														
Initial Assessment Engineer modeling														
Assessment Engineer Report including benefit factors														
Determine what prop owners will have to pay														
Finalize siting options														
Develop site acquisition plan, as necessary														
Final Project Description														
Select package plant manufacturer, if approp														
Environmental study, assessment and report (incl. public review)														

Grants and Financing	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Develop financing plan														
Seek construction grants and financing														
EHS grant monitoring and submittals for reimbursement														
MNS WRF 50% report														
WRF 50% report														
WRF 100% report														

Monitoring Well(s)	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct

Drill first monitoring well																		
Obtain water sample and analyze for first well																		
Find funding for remainder of well monitoring program (on hold)																		
Drill remainder of monitoring wells (on hold)																		
Prop 218 - Property Owner vote on proposed project																		
Polling for election feasibility																		
Conduct workshops with public																		
Adopt resolution of intent																		
Mail and post public hearing notice																		
Conduct public hearing & complete assessment vote process																		

Options - Costs / Trade-offs

	Costs		Approval by EHS / RWQCB	Grant Potential	Disruption				Notes
	Capital	District Maintenance (O&M)			Construction		On-Going		
					Community	Parcel	Community	Parcel	
Collection									
Gravity Fed*			Yes	Yes	High	Medium	Low	Low	
Zone 1 (70 parcels) - Commercial with some Resider	\$ 10,600,000								Assumes WWTP is north of the District.
Zone 2 (50 parcels) - Downtown Surrounding Lots	\$ 1,700,000								Assumes Zone 1 was constructed.
Zone 3 (264 parcels) - Remaining Lots	\$ 10,300,000								Assumes Zone 1 and Zone 2 were constructed.
Total	\$ 22,600,000								
STEP**			Likely	Likely	Lower	Medium	Low	Medium	
Zone 1	\$ 2,335,500								
Zone 2	\$ 1,516,500								
Zone 3	\$ 8,007,000								
Total	\$ 11,859,000								
Treatment									
MBR			Yes	Yes	Medium	None	Low	None	
Zone 1	\$ 19,700,000								
Zone 2 (included with Zone 1)	\$ -								
Zone 3	\$ 5,500,000								
Total	\$ 25,200,000	\$ 116,828							O&M includes equipment consumables, spare parts, replacement, power, labor, chemicals
Passive (Nexgen/Elgin/Presby/Delta)			Unlikely	Unknown	High	Low	Low	None	Never permitted in Central Coast RWQCB
Zone 1									Paradise permitting was an "emergency" permit
Zone 2									
Zone 3									
Total									
Advanced On-site***	\$ 50,000		Unknown	Likely	Low	High	Low	High	

Only the Gravity Fed / MBR solution has had a full engineering review, other numbers should be viewed as "sales" numbers

*Gravity Fed collection does not include laterals. With Gravity Fed, laterals often the responsibility of property owner

**STEP calculations include Prelos system installed on-site, and laterals

***Per site, average Orenco system \$30k-70K

STEP and Advanced On-site require periodic maintenance, pumping of tanks, permitting, etc. for each parcel where they are installed

The Los Olivos Community Services District was formed to ensure its residents maintained local control for a wastewater treatment solution. The District has specific boundaries that generally include nearly 400 businesses and residential lots south of Highway 154.

We are working to solve our portion of a groundwater pollution problem that resulted in large swaths of the Santa Ynez Valley being designated a Special Problems Area in 1974. No other organization has been formed to solve the problem. While it is taking longer than hoped, we continue to make steady progress. Importantly, the County of Santa Barbara, Central Coast Regional Water Quality Board, and Santa Barbara Local Agency Formation Commission continue to be great partners.

Sewer systems can be thought of as three processes: collection, treatment, and disposal. We are studying two collection approaches: gravity fed and Septic Tank Effluent Pumping (STEP). For treatment, we are primarily focused on Membrane Bioreactors plants such as those manufactured by Cloacina of Arroyo Grande. Disposal options being studied include reuse, shallow aquifer injection, percolation chambers, and more. We are also exploring whether Advanced On-Site solutions, which provide both collection and some level of treatment, can be used in portions of the District.

We will complete our studies by December. Those studies will be the basis for a series of workshops that will educate residents on the pros/cons/costs of potential solutions. Using input from the workshops, the District's Board will draft a project. The project will undergo environmental review and then be voted on by property owners in the District.

I'll say that again. Property owners in the District who will pay for the project will have the final say - not the County, not the State, and not those who live outside the District.

Let's work together to solve this 50 year-old problem.

Guy Savage
LOCSD General Manager and resident

The Los Olivos Community Services District meetings are open to the public. Meetings are held on the second Wednesday of the month, 6PM, at St. Mark's In-The-Valley Church, 2901 Nojoqui Avenue, Los Olivos. More information on the District can be found at: www.losolivoscscsd.com.