

COMMUNITY MEETING

June 26, 2019

Workshop No. 2

Technical Solution Options for Los
Olivos Wastewater Collection and
Reclamation



***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

Option Development Process

Options - Next Steps

Question & Comments



COMMUNITY MEETING

WORKSHOP OBJECTIVES

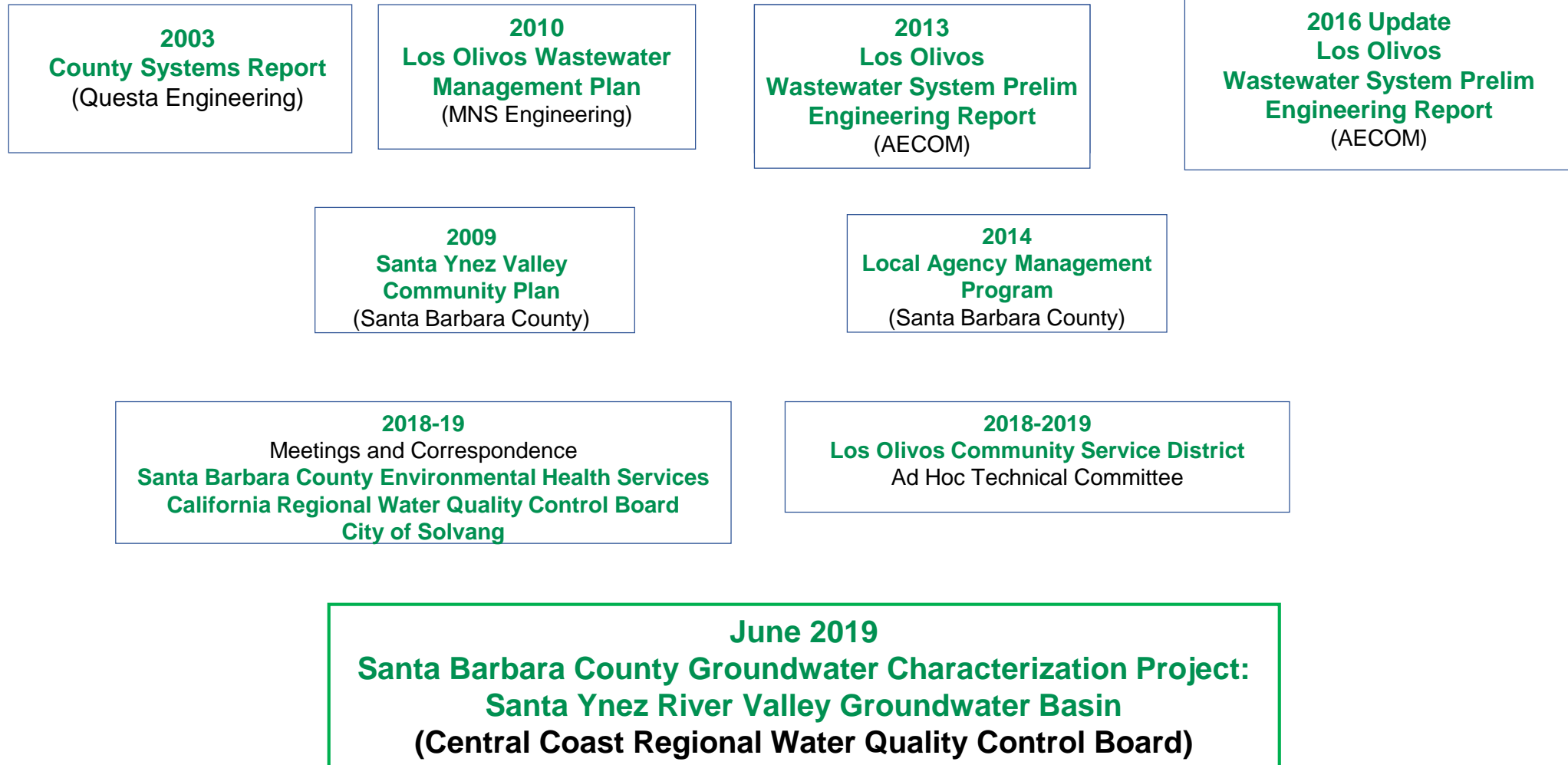
Provide options summary

Receive additional community input

Move forward with Project
Description development



BASIS OF OPTIONS DEVELOPMENT



Central Coast RWQCB - Groundwater Characterization Project: Santa Ynez River Valley Groundwater Basin

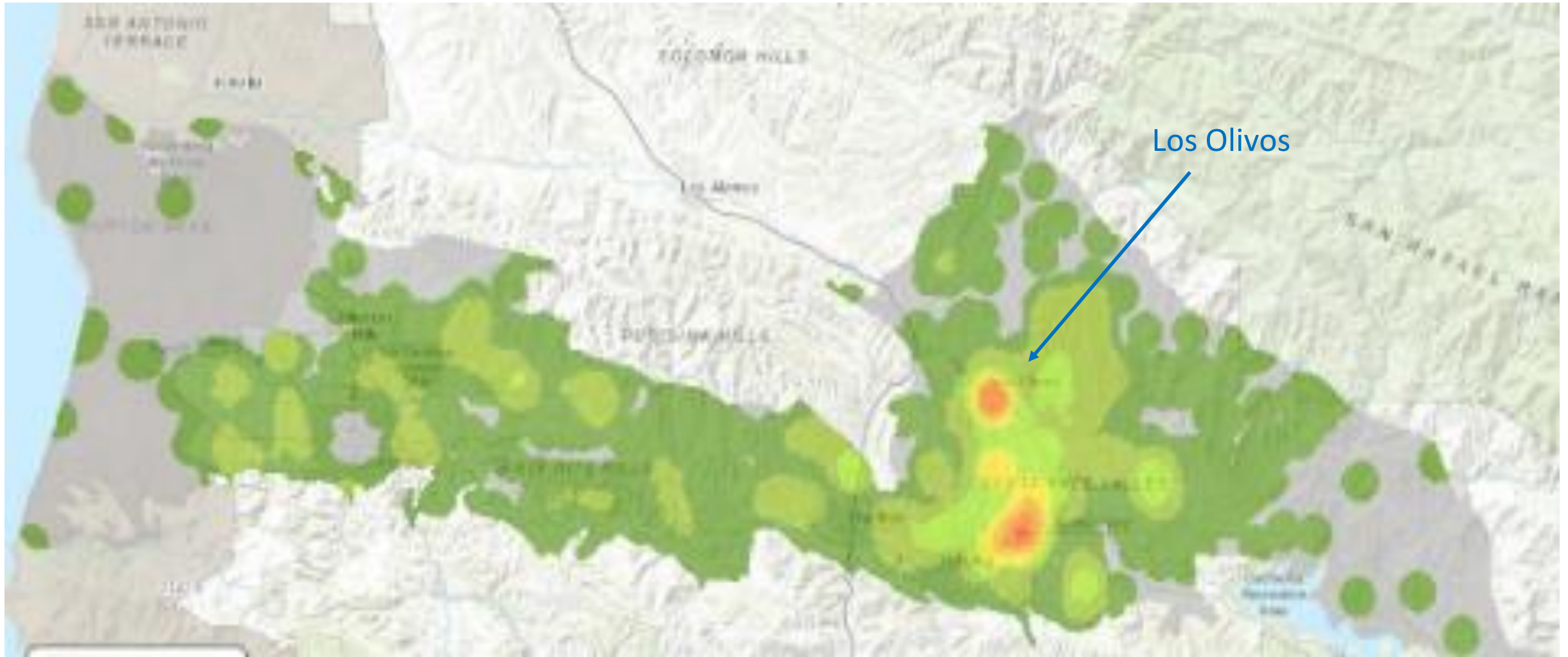
- Evaluates risk & impacts of onsite systems (OWTS)
- OWTS density = #1 factor on groundwater quality impact
- Highest OWTS density & groundwater impact risk occur near Los Olivos, Santa Ynez, and Janin Acres
- Los Olivos' small lot sizes - 1/10 acre; 300+ OWTS in a ¼ mile square area, are detrimental to groundwater quality
- Upgradient nitrates found northeast of Los Olivos
- Regarding Los Olivos - other land use practices, including upgradient ag, contribute nitrates to groundwater





FOR DISCUSSION USE ONLY – NOT FINAL OR INTENDED FOR DECISION MAKING PURPOSES

BASIN STUDY AFFIRMS TARGET



OPTIONS PRESENTED WORKSHOP #1

1. No Project

Not Feasible

2. Regional Solution

2a Solvang

Most Expensive Option, Longest Schedule, Most Complex

2b Santa Ynez

No Longer an Option

3. Local Solution

3a Local System

Full District Coverage (Phase I & II)

3b Phased Approach

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



Workshop #1 Comment Summary

1. Local Phased Approach endorsed by:
 - RWQCB, County EHS, 3rd District Supervisor Joan Hartman, SYCSD, City of Solvang, majority of residents
2. With the Local Phased Approach:
 - Defined residential septic requirements
 - "Results based" & systematic expansion
 - Phase I - Highest Density Area (Commercial Core)
 - Most expedient, less complex and cheapest
3. BEWARE - Larger & more complex a project = harder to permit, greater risk, greater costs, schedule overruns

Phased Approach - Next Steps

PRIORITY: Develop Residential Standards/Local Area Management Plan (LAMP)

1. Conduct Groundwater Studies to Determine Future Phasing
2. High Density Commercial Core
3. Design, Permit and Construct Base Treatment System – Expandable, includes Beneficial Wastewater Reuse
4. Compliant with Regulatory Requirements & Guidelines



Phased Approach Next Steps

PRIORITY: Develop Residential Standards/Local Area Management Plan
(Los Olivos LAMP)

- ✓ Create reasonable requirements for residential OWTS upgrades, repairs and replacement

1. Conduct Groundwater Studies to Determine Future Phasing

2. Target High Density Commercial Core

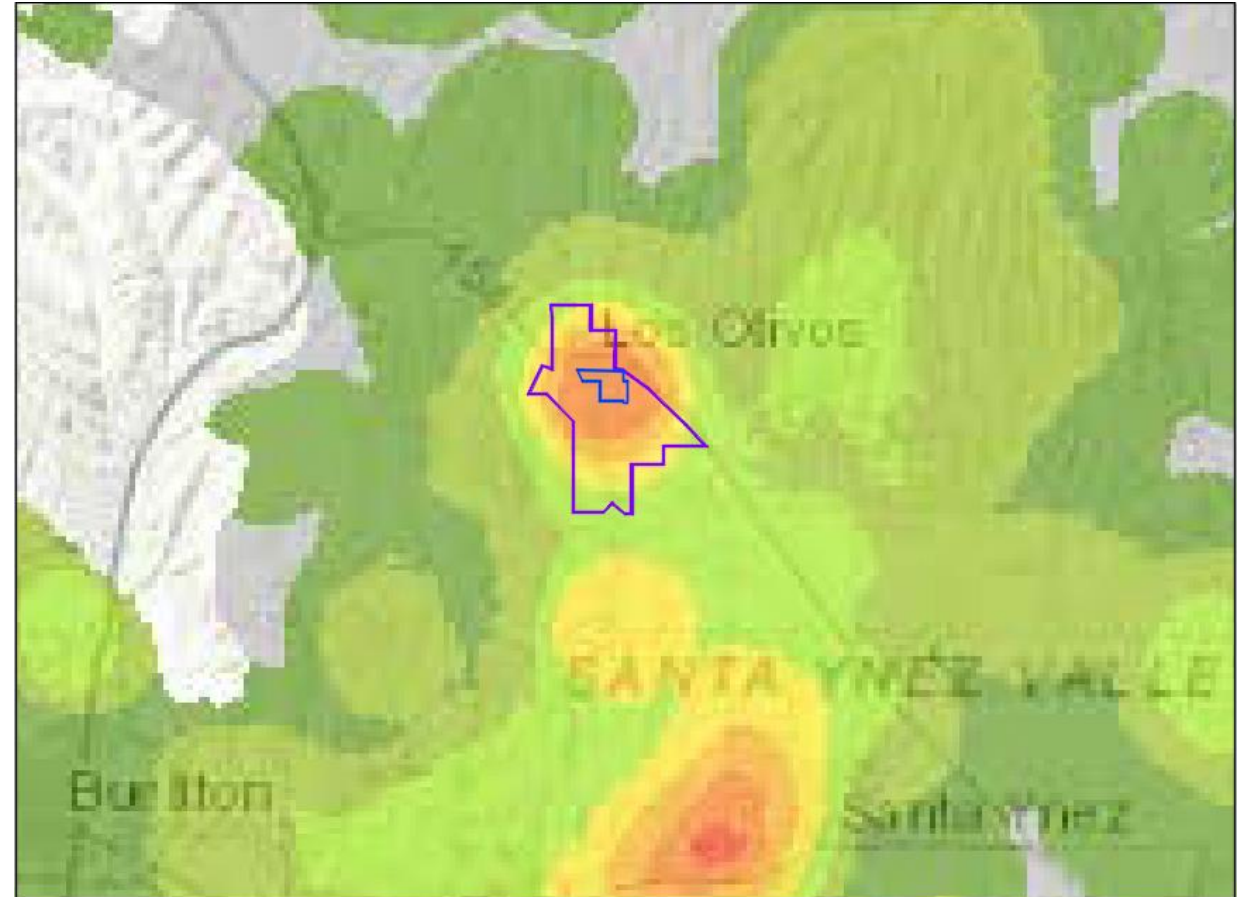
- ✓ C-2 zoning boundary is Bullseye
- ✓ Adjacent high-density area expansion determined by results of groundwater monitoring
- ✓ Outlying areas as determined by future results of groundwater sampling monitoring



Ground Zero - Commercial Core

Phase I

- Highest Density
- Highest Volume
- Highest Nitrate Loading
- Identified in 3 Separate Reports as Priority Action
- Easily Defined by Zoning
- Easily Expanded & Centrally Located



Phased Approach Next Steps

3. Design, Permit and Construct Base Treatment System
 - ✓ Paid for by users
 - ✓ Waste stream specific
 - ✓ Considerations for beneficial wastewater reuse
 - ✓ Designed for expansion to connect to additional district parcels
 - ✓ Designed for long-term connection to potential regional collection & treatment system
4. Complies with regulatory requirements & guidelines
 - ✓ Approved by the Regulatory Community



SEED FUNDING

What \$\$ we need now

Load Study and Phasing Plan	\$ 18,000
Develop Ground Water Program (GWP)	\$ 25,000
WWTP Concept/ Preliminary Design	\$ 18,000
System Concept/Preliminary Design	\$ 35,000
GWMP Work Plan	\$ 25,000
Hydro/Geo & Enviro Studies	<u>\$100,000</u>
Total needed now:	\$221,000

Moving Forward

- July 10** Regular Board Meeting
- July 31** Workshop 3 - Preferred Option Presentation
- Aug 14** Regular Board Meeting

- RWQCB Report Public Presentation - TBD
- Continued coordination with RWQCB & County EHS
- Pursue study and project grant funds
- Draft Local Management Plan, Groundwater Monitoring Plan
- Concept design & explore reclamation system site options
- Refine budget
- Prop 218 process to set permanent assessment

