

Julie Kennedy, President
Lisa Palmer, Vice President
Tom Fayram, Director
Greg Parks, Director
Nina Stormo, Director



**LOS OLIVOS COMMUNITY SERVICES DISTRICT
TECHNICAL SUBCOMMITTEE MEETING
August 21, 2024 – 2:30 PM
Lefty's Coffee Company
2896 San Marcos Ave, Los Olivos, CA 93441**

Posted: 8-15-2024

Please observe decorum and instructions from the Subcommittee Chair

Subcommittee Members: Director Fayram (Chair), Directors Parks, and General Manager Guy Savage

Due to the limitations of this location, this meeting of the Los Olivos Technical Subcommittee will only be held in person. We apologize to any who had hoped to view the meeting or subsequent recording via Zoom.

The Los Olivos Community Services District is committed to ensuring equal access to meetings. In compliance with the American Disabilities Act, if you need special assistance to participate in the meeting or need this agenda provided in a disability-related alternative format, please call 805.500.4098 or email to losolivoscscsd@gmail.com. Any public records, which are distributed less than 72 hours prior to this meeting to all, or a majority of all, of the District's Board members in connection with any agenda item (other than closed sessions) will be available for public inspection at the time of such distribution at a location to be determined in Los Olivos, California 93441.

MEETING AGENDA

1. CALL TO ORDER

Director Fayram called the meeting to order at 301 PM.

2. ROLL CALL

Director Fayram requests a roll call be taken.

PRESENT: Director (Chair) Fayram, Director Parks, GM Savage

ABSENT: None

3. PUBLIC COMMENTS

Members of the public may address the Subcommittee on any items of interest within the subject matter and jurisdiction of the Board but not on the agenda today (Gov. Code - 54954.3). The public may also request future agenda topics at this time. Speakers are limited to a maximum of 3 minutes. Due to the requirements of the Ralph M. Brown Act, the Subcommittee cannot take action today on any matter not on the agenda, but a matter raised during Public Comments can be referred to District staff for discussion and possible action at a future meeting.

Chair Fayram opens the floor to public comment.

No requests to speak.

ADMINISTRATIVE ITEMS:

All matters listed hereunder constitute an administrative / consent agenda and will be acted upon by a single vote of the Board. Matters listed on the Consent Agenda will be read only on the request of a member of the Subcommittee, in which event the matter may be removed from the Consent Agenda and considered as a separate item. Public may comment on any of the items prior to the vote being taken by the Subcommittee.

4. CONSENT AGENDA

A. MINUTES APPROVAL

Approval of the minutes from July 30, 2024.

Chair Fayram opens the floor to public comment.

No requests to speak.

Motion to approve the consent agenda.

Motion by: Director Parks, Second: Chair Fayram.

Voice vote: 3-0

BUSINESS ITEMS:

All matters listed hereunder will be acted upon separately and public comment will be held for each item. As a Subcommittee of the full Board of Directors, Business Items may include one or more recommendations for further discussion or action at a full Board of Directors meeting.

5. DISCUSSION OF TREATMENT OPTIONS WITH REGEN LLC.

The Subcommittee will welcome Tristian Bounds from REGEN, LLC. to the meeting. The group will then discuss treatment options, with a focus on treating waste from effluent collection systems.

Chair Fayram asks GM Savage if there is any special introduction. GM Savage responding that there is nothing special, thanks Mr. Tristian Bounds for attending, and notes that there was no particular preparation that Mr. Bounds was asked to complete. Chair Fayram notes that he has several questions for Mr. Bounds and comments about prior meetings with the RWQCB. He adds that he believes the options at this point for treatment are either a local plant or connecting to the City of Solvang. Chair Fayram comments on violations by both Mattei's Tavern and Dunn School. He adds that the RWQCB will set "goals for the District to meet" but not necessarily tell the District how to meet them. He then moves to general comments about complexities of managing a local plant.

Mr. Bounds responds to the Chair's commentary. He says that the District has a variety of options. He then talks about disposal, as it will directly affect the options available to the District for treatment. His discussion includes commentary on Direct Discharge (DD), Reuse, and Subsurface Dispersal (SD). Mr. Bounds comments that when you have lower flows, SD is appropriate. With higher flows, you need to look at the other options. He adds that Membrane Bioreactor (MBR) systems tend to set a District up for Reuse and DD. GM Savage asks Mr. Bounds his opinion of the volumes the LOCS D will produce as it relates to his disposal. Mr. Bounds responds that the LOCS D is a low to medium volume flow. He adds that Reuse has the highest likelihood of obtaining grants. He then shifts to discussion about treatment. Mr. Bounds comments that high treatment scenarios require highly skilled operators – the more complex the process, the higher skill and "classification" (aka experience) of operator required. Mr. Bounds then moves to commentary about National Pollutant Discharge Elimination System (NPDES) permits to discharge into a waterway, such as a stream, which are managed at the Federal level. He comments that for large projects pursuing a NPDES permit may make sense. District Engineer Pike comments that he continues to work on the Water Resource Fund (WRF) grant obtained by the District. He says that in the grant report, Reuse is a key focus.

The discussion then turns to the difference between secondary and tertiary treatment. Mr. Bounds comments that moving to water tertiary treatment is essentially a requirement to support Reuse. He then adds that phasing of a community wastewater treatment solution will impact the potential for Reuse. He challenges the District to ask itself what is most beneficial, and semi-rhetorically adds, "phasing or complete implementation" as it will affect the decision regarding disposal. DE Pike reminds attendees that to get to a decision about treatment, you must consider the type of disposal desired. Mr. Bounds agrees and comments that in his opinion 100% of all future permits will require some beneficial reuse component. He then adds that the cost of land plus a system for SD may not be economically feasible given the space required. The discussion then shifts to storage requirements.

Director Parks confirms with Mr. Bounds that collection is independent from treatment, whereas disposal is directly tied to treatment considerations. As part of his response confirming the ties, Mr. Bounds adds that there more is funding available for reuse. Director Parks then asks about how far you can pipe treated wastewater for reuse? Mr. Bounds and Chair Fayram both respond it is a case of money and economic feasibility. Mr. Bounds adds that the cost for purple pipe reuse is too high in California. The discussion then turns to other systems in use in the LOCS D region. Director Parks then asks about what is done with treated wastewater during truly wet seasons and events. Mr. Bounds and Chair Fayram respond that the treated water needs to be stored, perhaps in a pond.

Chair Fayram opens the floor to public comment.

No requests to speak.

6. DISCUSSION REGARDING POSSIBLE LOCS D CONNECTION TO THE CITY OF SOLVANG'S WASTEWATER TREATMENT PLANT AND RELATED INFRASTRUCTURE, INCLUDING WSC AND CAROLLO CONTRACTED EFFORTS

The Subcommittee will discuss potential connection to the City of Solvang, including technical issues raised by

connection, requests from the two contractors who the LOCSO has engaged to perform studies related to the connection.

GM Savage opens the conversation noting that both WSC and Carollo appear to be on-target for November deliveries. Attendees then discuss the costs of connecting to the City of Solvang, with Mr. Bounds commenting that there are costs for connection, new pipe, and capacity fees. DE Pike comments that flow rates might impact the decision and costs related to connecting to Solvang. Mr. Bounds and DE Pike have a conversation about transmission pipes from LOCSO to Solvang, confirming that the pipe itself is always "full" but that the pressure pushing waste down the line varies. They concur that a booster station will likely be needed for a gravity system given the distances involved.

Chair Fayram opens the floor to public comment.

No requests to speak.

7. GENERAL DISCUSSION OF COLLECTION, TREATMENT, AND DISPOSAL OPTIONS

The Subcommittee will discuss options for the collection, treatment, and disposal of wastewater for the District. Given the Regen contract, this discussion will focus heavily on Treatment options, including Membrane Bioreactor (MBR), connection to Solvang's treatment plant, and other solutions previously brought up by members of the public.

GM Savage introduces a memo from DE Pike on Peak Flow Factors (PFFs). He hands out copies to everyone in attendance and confirms he will post it to the meeting page after the PFFs meeting concludes. Mr. Bounds and DE Pike lead a conversation about PFFs. Mr. Bounds comments that PFF for gravity collection are regularly higher, perhaps around 4, whereas an effluent collection system has a lower PFF, perhaps around 2. He comments that with welded HDPE type pipe, a PFF of 2.5 for gravity fed systems might be okay.

GM Savage comments that he doesn't see getting a "final" answer on PFFs is needed today. But, has raised the issue here as it will be needed when the District pursues a 60% design. He adds that engineers, himself included, are often very conservative when it comes to such things and suggests that getting local and/or similar system data will be helpful. DE Pike comments that the effort is probably in the \$15,000 ballpark.

Chair Fayram opens the floor to public comment.

No requests to speak.


8. ADJOURNMENT

Motion to adjourn at: 3:43 PM

Motion by Chair Fayram, second: Director Parks

Voice vote 3-0

Respectfully submitted:



Guy W. Savage

General Manager – Los Olivos Community Services District

Approved:



Director (Chair) Tom Fayram