

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



**LOS OLIVOS COMMUNITY SERVICES DISTRICT  
TECHNICAL SUBCOMMITTEE MEETING**

**Posted: 6-21-2024**

**June 28, 2024 – 8:30 AM**

**St Mark's in the Valley Episcopal Church  
2901 Nojoqui Ave, Los Olivos CA 93441**

**Please observe decorum and instructions from the Subcommittee Chair**

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

This meeting will be held both in-person and electronically via Zoom Meetings. In-person the meeting will be held at the following locations:  
St Mark's in the Valley Episcopal Church, 2901 Nojoqui Ave, Los Olivos CA 93441

The public will also be able to hear and participate electronically via Zoom by using the following links:

Zoom: <https://us06web.zoom.us/j/81937722522?pwd=SWpSU0RYZFliZTBLNGphZG41TGs4dz09>  
By Phone: +1 669 900 6833 US (San Jose) Meeting ID: 819 3772 2522 Passcode: 914085  
One tap mobile: +14086380968,,81937722522#,,,,\*914085# US (San Jose)

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## MEETING AGENDA

### 1. CALL TO ORDER

### 2. ROLL CALL

### 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.

### 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 minutes from April 26, 2024 and May 6, 2024.

### 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

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discussion or action at a full Board of Directors meeting.

**5. DISCUSSION ON REGEN 30% ENGINEERING DESIGN HYBRID COLLECTION FINAL DELIVERABLE**

The Subcommittee will discuss the final deliverable from the REGEN contract which provided a 30% engineering design of a hybrid collection solution. Representatives from REGEN may be on hand, via Zoom, to answer questions. The final deliverable is posted online at:

<https://www.losolivoscscsd.com/files/6436928e3/Los+Olivos+-+Basis+of+Design+Hybrid+Collection+Analysis+Rev+1.1+Final.pdf>

**6. 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.

**7. DISCUSSION ON GROUNDWATER MONITORING WELLS GRANT AND WELL INSTALLATION AND TESTING**

The Subcommittee will discuss progress of the grant and/or implementation of the groundwater monitoring project and subsequent sampling/testing. Test results from the May 16, 2024 sampling have not been received as of the posting of this agenda – if they are received prior to the meeting an addendum will be published.

**8. DISCUSSION RELATED TO THE UPCOMING AUGUST 21, 2024 COMMUNITY WORKSHOP ON COLLECTION AND TREATMENT OPTIONS**

The Subcommittee will discuss the upcoming August 21, 2024 workshop and potential content for the workshop. The General Manager will provide an update on actions already taken. He will also seek input from the Subcommittee on areas he still needs help defining.

**9. DISCUSSION REGARDING POSSIBLE LOCSO CONNECTION TO THE CITY OF SOLVANG’S WASTEWATER TREATMENT PLANT AND RELATED INFRASTRUCTURE**

The LOCSO Board of Directors wrote a letter to the City of Solvang expressing interest in connecting to the City’s wastewater infrastructure. The City concurred that exploring a potential connection by the LOCSO to the City’s wastewater treatment plant and related infrastructure makes sense at its January 22, 2024 City Council meeting. See the January 10, 2024 Regular Meeting agenda of the LOCSO Board of Directors for more details:

<https://www.losolivoscscsd.com/files/2d9f1238c/2024-1-10+Packet+Los+Olivos+CSD+Regular+Meeting.pdf>

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

**INFORMATIONAL ITEMS:**

All matters listed hereunder are informational only, no action will be taken, and public comment not received.

**10. SUBCOMMITTEE MEMBER COMMENTS**

Subcommittee members will give reports on any meetings that they attended on behalf of the Subcommittee and/or choose to comment on various Subcommittee activities. Subcommittee member requests for future agenda items may also be made at this time.

**11. ADJOURNMENT**

# ITEM 4A – MINUTES

MINUTES

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



LOS OLIVOS COMMUNITY SERVICES DISTRICT

Posted: 4-22-2024

TECHNICAL SUBCOMMITTEE MEETING

April 26, 2024 – 8:30 AM

St Mark's in the Valley Episcopal Church

2901 Nojoqui Ave, Los Olivos CA 93441

Please observe decorum and instructions from the Subcommittee Chair

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

This meeting will be held both in-person and electronically via Zoom Meetings. In-person the meeting will be held at the following locations:  
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## MEETING AGENDA

### 1. CALL TO ORDER

Chair Fayram calls the meeting to order at 8:33 AM

### 2. ROLL CALL

Present: Chair Fayram, Director Parks, General Manager 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 March 22, 2024.

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**Chair Fayram opens the floor to public comment.**  
**No requests to speak.**

**Motion to approve minutes from March 22, 2024.**  
**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. UPDATE AND DISCUSSION ON REGEN 30% ENGINEERING DESIGN HYBRID COLLECTION CONTRACT**

The Subcommittee will discuss progress of the contract with REGEN related to completing a 30% engineering design of a hybrid collection solution. Representatives from REGEN may be on hand, via Zoom, to update the Subcommittee. Any issues raised by the contract will also be discussed. It is anticipated that REGEN will present their “draft” final design to the Technical Subcommittee at this meeting and the final design to the full Board of Directors on May 15, 2024. See the October 16, 2023 Regular Meeting agenda for the LOCSD Board of Directors, starting on page 74, for more details on the contract:

<https://www.losolivoscscsd.com/files/211066245/2023-10-16+Packet+Los+Olivos+CSD+Regular+Meeting.pdf>

Mr. Tristian Bounds from REGEN describes his recent focus hydraulic analysis, road layouts, delivering data in time for May Regular meeting, trenching and boring data and costs from local contractors, other actual costs from local contractors. He talks about still waiting for more information and suggests another meeting of the Technical Subcommittee to review his “final” documents before the Regular Board meeting in May.

**Chair Fayram opens floor to public comment.**  
**No requests to speak.**

Chair Fayram opens a discussion about ultimate and future uses of parcels, particularly as it affects treatment capacity. Mr. Bounds responds that he uses a software program to make hydraulic loads. He describes how loading will affect line sizing (e.g. a 3” line versus a 4” line). Currently, Mr. Bounds is using a 4” line maximum; but it is driven by things like distance, numbers of parcels, and so on.

**Chair Fayram reopens floor to public comment.**  
**Mike Brady speaks.**

Chair Fayram asks about flow rates in the design and potential “safety factors” for increased needs for existing parcels over time. Effluent systems use a safety factor of 2, whereas a gravity-fed collection uses a safety factor of 4 due to INI. Mr. Bounds confirms that newer gravity-fed systems are much better than older ones at preventing infiltration. Gravity-fed systems are designed for open flow, as opposed to pressurized.

GM Savage asks about a future meeting to provide final review of the documents prior to the Regular meeting. He also asks what help he can provide to get final documents ready by May 7, 2024 (for the May 15 meeting). Mr. Bounds notes that he would like to validate some of the tables (dwelling units, number of people in the community, water lines and related placement of tanks, and so on). The GM takes direction to set a meeting for 8:30AM on May 6<sup>th</sup>. Mr. Bounds agrees to provide documents for the May 6<sup>th</sup> meeting, by May 2<sup>nd</sup>.

**6. 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.

No updates or discussion.

**Chair Fayram opens floor to public comment.**  
**No requests to speak.**

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**7. UPDATE AND DISCUSSION ON GROUNDWATER MONITORING WELLS GRANT AND WELL INSTALLATION AND TESTING**

The Subcommittee will discuss progress of the grant and/or implementation of the groundwater monitoring project. See the October 16, 2023 Regular Meeting agenda for the LOCS D Board of Directors for more details on the most recent, grant funded, project:

<https://www.losolivoscscsd.com/files/211066245/2023-10-16+Packet+Los+Olivos+CSD+Regular+Meeting.pdf>

The original scope for this effort included the drilling of three new wells and sampling the three new wells plus two existing wells. The Central Coast Regional Water Quality Control Board (CCRWQCB) has requested additional testing which is targeted for May 16, 2024.

GM Savage comments on a quote from GSI. He notes that the private well will be looked at on May 16<sup>th</sup>, at the same time the other samplings are done. If possible, a grab sample will be made.

**Chair Fayram opens floor to public comment.**

**No requests to speak.**

Director Parks starts a conversation about wells north of Highway 154. The Subcommittee agrees that doing one or more “one-off” grab samples would be a good thing to better understand the nitrates in the area. GM Savage points out that the CCRWQCB doesn’t think additional sampling outside the district is really necessary at this point since it is clear that existing septic tanks are creating an issue.

**8. DISCUSSION REGARDING POSSIBLE LOCS D CONNECTION TO THE CITY OF SOLVANG’S WASTEWATER TREATMENT PLANT AND RELATED INFRASTRUCTURE**

The LOCS D Board of Directors wrote a letter to the City of Solvang expressing interest in connecting to the City’s wastewater infrastructure. The City concurred that exploring a potential connection by the LOCS D to the City’s wastewater treatment plant and related infrastructure makes sense at its January 22, 2024 City Council meeting. See the January 10, 2024 Regular Meeting agenda of the LOCS D Board of Directors for more details:

<https://www.losolivoscscsd.com/files/2d9f1238c/2024-1-10+Packet+Los+Olivos+CSD+Regular+Meeting.pdf>

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

GM Savage briefly describes his efforts to get a quote from Corollo for infrastructure. He adds that after speaking with the City, he decided that getting a quote Water Systems Consulting (WSC) from Arroyo Grande might be a better approach. WSC performed a flow study for the City roughly two years ago and is very familiar with the infrastructure. Discussion ensues about LOCS D flows and impacts to City of Solvang infrastructure. Additional discussion about infrastructure, lift stations, and pressurized pipes follows.

**Chair Fayram opens floor to public comment.**

**Mike Brady speaks.**

A conversation, driven by public comment, about the inclusion of the community of Ballard on a line to the City of Solvang occurs. All in attendance agree that connecting Ballard is not an issue for the LOCS D. Mr. Bounds responds to a question from Chair Fayram about how long a collection pipe can be. He notes that there are approaches that can be used to push effluent further directions. Mr. Bounds comments that an unequalized system going to the City would mean roughly 134 gallons per minute for effluent collection and closer to 400 gallons per minute for gravity-fed collection. All of the quoted numbers are in the REGEN report.

**INFORMATIONAL ITEMS:**

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**9. SUBCOMMITTEE MEMBER COMMENTS**

Subcommittee members will give reports on any meetings that they attended on behalf of the Subcommittee and/or choose to comment on various Subcommittee activities. Subcommittee member requests for future agenda items may also be made at this time.

Director Parks - None

Chair Fayram - None

GM Savage - None

**10. ADJOURNMENT**

**Motion to adjourn at: 9:24AM**

**Motion by: Director Parks, Second: Director Fayram**

**Voice vote: 3-0**

Respectfully submitted:

A handwritten signature in blue ink, appearing to read "Guy W. Savage".

Guy W. Savage

General Manager – Los Olivos Community Services District

Approved:

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**Chair – Director Tom Fayram**

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



**LOS OLIVOS COMMUNITY SERVICES DISTRICT**  
**TECHNICAL SUBCOMMITTEE MEETING**  
**May 6, 2024 – 8:30 AM**  
**St Mark's in the Valley Episcopal Church**  
**2901 Nojoqui Ave, Los Olivos CA 93441**

**Posted: 4-26-2024**

**Please observe decorum and instructions from the Subcommittee Chair**

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

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## MEETING AGENDA

### 1. CALL TO ORDER

**Chair Fayram calls the meeting to order at 8:30 AM.**

### 2. ROLL CALL

**Present: Chair Fayram, Director Parks**  
**Absent: General Manager Savage**

### 3. PUBLIC COMMENTS

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**Chair Fayram opens the floor to public comment.**  
**Kathryn Rohrer and Anna Marie Gott speak.**

### BUSINESS ITEMS:

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### 4. UPDATE AND DISCUSSION ON REGEN 30% ENGINEERING DESIGN HYBRID COLLECTION CONTRACT

The Subcommittee will discuss progress of the contract with REGEN related to completing a 30% engineering design of a hybrid collection solution. Representatives from REGEN may be on hand, via Zoom, to update the

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Subcommittee. Any issues raised by the contract will also be discussed. It is anticipated that REGEN will present their “draft” final design to the Technical Subcommittee at this meeting and the final design to the full Board of Directors on May 15, 2024. See the October 16, 2023 Regular Meeting agenda for the LOCSD Board of Directors, starting on page 74, for more details on the contract:

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Mr. Tristian Bounds from REGEN, participating via Zoom, provides an overview of his preliminary report. He clarifies known issues around the inclusion of Mattei’s Tavern in Zone 6; sizing and placement of effluent collection lines; line layouts, line sizes and lengths, and their relationship to potential construction phases; cost updates; costs for advanced on-site installation (\$70,000/system); trenched pressure lines versus directional bored lines; and, location of water mains (lines normally run on the west and north sides of the street) and their relation to potential STEP tank placement. As Mr. Bounds clarifies, the attending Subcommittee members provide commentary confirming REGEN assumptions and approaches.

Mr. Bounds concludes his presentation by confirming he will be in attendance at the May 15, 2024 Regular Board meeting. District Engineer Pike comments about it “never being too early to consider the effort to cross any bridges.”

**Chair Fayram opens the floor to public comment.**

Mike Brady, Kathryn Rohrer, Mark Herthel, and Anna Marie Gott speak.

Subcommittee members discuss topics such as future workshops on collection approaches.

**5. ADJOURNMENT**

**Motion to adjourn at 9:00 AM.**

**Motion by: Director Parks, Second: Director Fayram**

**Voice vote 2-0**

Respectfully submitted:



Guy W. Savage

General Manager – Los Olivos Community Services District

Approved:

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Chair Tom Fayram