



WATER, SEWER, AND STORM DRAIN COMMITTEE

MEMBERS OF THE COMMITTEE

LAKHVIR GHAG, COUNCILMEMBER

REGULAR MEETING AGENDA

JUNE 18, 2021

3:00 PM

AARON PALMER,
CITY MANAGER

MEETING LOCATION

LIVE OAK COUNCIL CHAMBERS
9955 LIVE OAK BOULEVARD
LIVE OAK, CALIFORNIA 95953

The Committee may take up any agenda item at any time, regardless of the order listed. Action may be taken on any item on this agenda. Materials related to an item on this Agenda submitted to the Committee after distribution of the agenda packet are available for public inspection at City Hall, 9955 Live Oak Boulevard, Live Oak, during normal business hours. Such documents are also available on the City of Live Oak's website at www.liveoakcity.org, subject to staff's availability to post the documents before the meeting.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the City Clerk's office at (530) 695-2112 x107. Requests must be made at least 24 hours in advance.

Pursuant to Governor Newsom's Executive Orders N-25-20 and N-29-20, members of the Water, Sewer, and Storm Drain Committee or staff may participate in this meeting via a teleconference. In the interest of the maintaining appropriate social distancing, members of the public are encouraged to participate in the meeting in the following ways:

- **Public Attendance:**

- Seating is available in the Council Chamber. Please participate via web conference or email if you are ill or have been exposed to COVID-19.

- **Remote Viewing:**

- Members of the public can access the Zoom webinar as follows:

- **Join by Electronic Device:**

<https://us02web.zoom.us/j/81561362250?pwd=ZXJUeTBjMEJmcUt6VWlueDlVc01NQ09>

Passcode: 883317

- **Join by Phone:**

1-669-900-6833 or 1-833-548-0282 (Toll Free)

Webinar ID: 815 6136 2250

Passcode: 883317

- **Public Comment:** Members of the public can submit general public comments, as well as comment on specific agenda items in the following ways:
 - **Public Attendance:** Members of the public who attend in person may make comments from the Council Chamber podium.
 - **Live Remote Public Comment:** Members of the public can submit a live remote public comment by:
 - *Joining the virtual Committee meeting via the link below. When public comment is opened, raise your virtual hand and be called upon to speak for up to 3 minutes.*

<https://us02web.zoom.us/j/81561362250?pwd=ZXJUeTBjMEJmcUt6VWlaeDlVc01NQOT09>
Passcode: 883317
 - *Joining the virtual Committee meeting by calling the phone number below. When public comment is opened, dial *9 to raise your hand and be called upon to speak for up to 3 minutes.*

1-669-900-6833 or 1-833-548-0282 (Toll Free)
Webinar ID: 815 6136 2250
Passcode: 883317
 - **Email Public Comment:** Comments from the public on agenda items will be accepted until 1:00 pm on the date of the meeting, via email to the City Clerk at cmenchaca@liveoakcity.org, and read into the record during public comment.
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CALL TO ORDER

ROLL CALL

PUBLIC COMMENT

Any person wishing to address the Committee may do so at this time. Comments will be limited to three minutes unless further time is specifically granted.

DISCUSSION ITEMS

1. Smart Water System Presentation
2. Well 7 Update
3. P Street Lift Station Update
4. Miscellaneous Information

UPDATES AND ANNOUNCEMENTS

COMMITTEE MEMBER REPORTS / COMMENTS / REQUESTS

ADJOURNMENT

SMART WATER, WHAT IS AND WHAT IT WILL COST TO CHANGE OVER.

A NETWORK OF WATER METERS AND INFRASTRUCTURE.

CONTINUOUS AND HISTORICAL DATA COLLECTION.

EASE OF ACCESS FOR CITY FINANCE STAFF AND WATER USERS.



CURRENT NUMBER AND SIZE OF WATER METERS IN THE CITY

Meter Size(s)	Number of Meters
5/8 & 3/4	2419
1	13
1 1/2	13
2	18
3	5
6	2
Total	2470



CURRENT WATER METER COMPONENTS

WATER METER



REGISTER



MXU



ASSEMBLED



SMART METER COMPONENTS

METER



MXU



COMPONENT COST OF CURRENT SYSTEM

Meter Size(s)	Number of Meters	SRII Meter Cost	Register Cost	MXU Cost	Total
5/8 & 3/4	2419	\$ 140.00	\$ 72.00	\$ 155.00	\$ 887,773.00
1	13	\$ 235.00	\$ 72.00	\$ 155.00	\$ 6,006.00



COMPONENT COST OF A SMART METER SYSTEM

Meter Size(s)	Number of Meters	iPerl Meter Cost	MXU Cost	Total
5/8 & 3/4	2419	\$ 129.00	\$ 155.00	\$ 686,996.00
1	13	\$ 209.00	\$ 155.00	\$ 4,732.00



COSTS TO UPGRADE METERS AND MXU'S

Meter Size(s)	Number of Meters	iPerl Meter Cost	Register Cost	MXU Cost	Number of non-compatible MXUs that will need to be replaced	Total
5/8 & 3/4	2419	\$ 129.00	\$ -	\$ 155.00	1352	\$ 521,611.00
1	13	\$ 209.00	\$ -	\$ 155.00	No Data Available	\$ 2,717.00



ESTIMATE TO UPDATE OUR PRESENT SYSTEM TO A SMART WATER SYSTEM.

Cost of New Meters	Cost of New MXUs	Software	Basestation	Tower	Total
\$ 314,768.00	\$ 522,541.00	\$ 38,950.00	\$ 30,000.00	\$ 35,000.00	\$ 941,259.00

THIS ESTIMATE DO NOT INCLUDE THE INSTALLATION OF ANY EQUIPMENT



THANK YOU.

This presentation has been prepared by
Ron Walker
Director of Public Works

