

DATE SUBMITTED 02/14/2023
SUBMITTED BY Public Services
DATE ACTION REQUIRED 02/15/2023

COUNCIL ACTION
PUBLIC HEARING REQUIRED
RESOLUTION
ORDINANCE 1ST READING
ORDINANCE 2ND READING
CITY CLERK'S INITIALS AB

IMPERIAL CITY COUNCIL AGENDA ITEM

<p>SUBJECT: Acceptance of Donated UV Disinfection Equipment</p>	<p>DISCUSSION/ACTION: 1. Discuss, approve/disapprove the donation and acceptance of Wastewater Ultraviolet Disinfection Equipment from Las Gallinas Valley Sanitary District</p>
<p>DEPARTMENT INVOLVED: Public Services - Wastewater</p>	
<p>BACKGROUND/SUMMARY:</p> <p>The City was approached by a representative from Aqua Engineering in reference to a UV Disinfection System that Las Gallinas Valley Sanitary District was looking to donate. The City's new Wastewater MBR Plant did not include an upgraded UV system due to budget restrictions.</p> <p>Trojan UV and regional suppliers have confirmed that the model being donated is the latest and current model. It was originally purchased for \$349,454.00 by Las Gallinas through the American Recovery and Reinvestment Act, that allows donation and repurposing for Title 22 Recycled Water Production. Las Gallinas Valley Sanitary District are changing their treatment operation from ultraviolet, to chlorine disinfection under their Title 22 Recycled Water Production and Expansion Project.</p> <p>By accepting this donation of Ultraviolet Disinfection Equipment from Las Gallinas Valley Sanitary District, the City would have coordinate equipment removal, pick -up and transportation.</p>	
<p>FISCAL IMPACT:</p> <p>Transportation Logistics</p> <p>Estimated \$12,500</p>	<p>FINANCE INITIALS</p> <p><u>[Signature]</u></p>
<p>STAFF RECOMMENDATION:</p>	
<p>MANAGER'S RECOMMENDATION: <u>Accept UV Equipment</u></p>	<p>DEPT. INITIALS <u>[Signature]</u></p> <p>CITY MANAGER'S INITIALS <u>AB</u></p>
<p>MOTION:</p>	
<p>SECONDED:</p> <p>AYES:</p> <p>NAYES:</p> <p>ABSENT:</p>	<p>APPROVED <input type="checkbox"/></p> <p>DISAPPROVED <input type="checkbox"/></p> <p>REJECTED <input type="checkbox"/></p> <p>DEFERRED <input type="checkbox"/></p> <p>REFERRED TO:</p>



Item Number 2E
GM Review CP

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
(415) 526-1518; mcortez@lqvsd.org
Mtg. Date: February 2, 2023
Re: Surplus UV Equipment Disposal
Item Type: Consent Action Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve donation of the surplus Ultraviolet Disinfection Model Trojan UVFIT 72AL75 Equipment (UV Equipment) to City of Imperial.

BACKGROUND

The change in operation from ultraviolet to chlorine disinfection for Title 22 recycled water production during construction of the Secondary Treatment Plant Upgrade and Recycled Water Expansion project requires demolition and offsite disposal of the existing UV Equipment. City of Imperial has shown interest in repurposing the equipment and agreed to perform all associated work including transportation. This provides an opportunity for the District to save demolition and disposal costs currently estimated at \$25,000.

The District purchased the UV Equipment in 2011 for \$349,454 through cost-share with U.S. Bureau of Reclamation under the American Recovery and Reinvestment Act, which allows donation and repurposing of the equipment for Title 22 recycled water production.

Staff has obtained direction from Sonoma Water (grant administrator) regarding equipment disposition in December 2020. In addition, donation to another public agency is one of the approved disposal methods outlined in the District F-130 policy for surplus equipment greater than \$1,000 in salvage value.

PREVIOUS BOARD ACTION

Board approved Resolution 2022-2293 updating Policy F-130 Disposal of Surplus Equipment and Property on December 15, 2022.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

None.



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MANAGEMENT TEAM
General Manager, Curtis Paxton
Plant Operations, Mel Liebmann
Collections/Safety/Maintenance, Greg Pease
Engineering, Michael P. Cortez
Administrative Services, Dale McDonald

DISTRICT BOARD
Megan Clark
Ronald Ford
Craig K. Murray
Gary E. Robards
Crystal J. Yezman

The Mission of the Las Gallinas Valley Sanitary District is to protect public health and the environment by providing effective wastewater collection, treatment, and recycling services.

BOARD MEETING AGENDA

February 2, 2023

On March 12, 2020, Governor Newsom issued Executive Order N-25-20, which enhances State and Local Governments' ability to respond to COVID-19 Pandemic based on Guidance for Gatherings issued by the California Department of Public Health. The Executive Order specifically allows local legislative bodies to hold meetings via teleconference and to make meetings accessible electronically, in order to protect public health, which was due to end on September 30, 2021 (Exec. Ord. N-08-21). However, the Legislature passed AB 361 which provides local agencies with the ability to meet remotely during proclaimed state emergencies under modified Brown Act requirements, similar in many ways to the rules and procedures established by the Governor's previous Executive Orders. - In light of this – the February 2, 2023, meeting of the LGVSD Board will be held via Zoom electronic meeting*. There will be NO physical location of the meeting. Due to the current circumstances, there may be limited opportunity to provide verbal comments during the meeting. Persons who wish to address the Board for public comment or on an item on the agenda are encouraged, but not required, to submit comments in writing to the Board Secretary (tlerch@lgsd.org) by 5:00 pm on Wednesday, February 1, 2023. In addition, Persons wishing to address the Board verbally must contact the Board Secretary, by email tlerch@lgsd.org) and provide their Name; Address; Tel. No.; and the Item they wish to address by the same date and time deadline for submission of written comments, as indicated above. Please keep in mind that any public comments must be limited to 3 minutes due to time constraints. Any written comments will be distributed to the LGVSD Board before the meeting.

*Prior to the meeting, participants should download the Zoom app at:
<https://zoom.us/download>.

REMOTE CONFERENCING ONLY

Join Zoom Meeting online at: <https://us02web.zoom.us/j/87954839218>

OR

By teleconference at: +16699009128 Meeting ID: Meeting ID: 879 5483 9218

**MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR
PUBLIC INSPECTION ON THE DISTRICT WEBSITE WWW.LGVSD.ORG
NOTE: Final board action may be taken on any matter appearing on agenda**

Estimated
Time

OPEN SESSION:

4:00 PM

1. PUBLIC COMMENT

This portion of the meeting is reserved for persons desiring to address the Board on matters not on the agenda and within the jurisdiction of the Las Gallinas Valley Sanitary District. Presentations are generally limited to three minutes. All matters requiring a response will be referred to staff for reply in writing and/or placed on a future meeting agenda. Please contact the General Manager before the meeting.

4:05 PM

2. CONSENT CALENDAR:

These items are considered routine and will be enacted, approved or adopted by one motion unless a request for removal for discussion or explanation is received from the staff or the Board.

- A. Approve the Board Minutes for January 12 and 19, 2023
- B. Approve the Warrant List for February 2, 2023
- C. Approve Murray attending NACWA Winter Conference Feb 13-16 in Sonoma
- D. Approve Call for Bids – TWAS Enclosure/Sludge Basin and Reception Pad Project
- E. **Approve Surplus UV Equipment Disposal**
- F. Approve ArcSine Contract Amendment 3 for Additional SCADA Construction Support for the STPURWE Project
- G. Approve Spare Pump for John Duckett Station.
- H. Approve Resolution 2023-2298 Board Policy B-160 Legal Counsel

Possible expenditure of funds: Yes, Item B through G.

Staff recommendation: Adopt Consent Calendar – Items A through H.

4:15 PM

3. INFORMATION ITEMS:

STAFF/CONSULTANT REPORTS:

- 1. General Manager's Report – verbal
- 2. Board Meeting Location Update – written
- 3. Annual Budget Development Timeline for 2023/24 – written
- 4. Board Policies B-170 General Manager Evaluation, 0-20 Environmental Practices and O-30 Emergencies –written
- 5. Administration Department Report – written
- 6. Engineering Department Report – written
- 7. 2021-22 Annual Comprehensive Financial Report - written

- 5:15 PM 4. TOPICS FOR THE SPRING 2023 NEWSLETTER**
Board to discuss proposed topics for the Spring 2023 Newsletter.
- 5:30 PM 5. ADOPT STRATEGIC PLAN**
Board to review and adopt Final Strategic Plan.
- 6:00 PM 6. BOARD MEMBER REPORTS:**
1. CLARK
 - a. NBWA Board Committee, 2023 Operations Control Center Ad Hoc Committee, Other Reports
 2. FORD
 - a. NBWRA, 2023 Operations Control Center Ad Hoc Committee, 2023 McInnis Marsh Ad Hoc Committee, 2023 Fleet Management Ad Hoc Committee, Other Reports
 3. MURRAY
 - a. Marin LAFCO, 2023 Biosolids Ad Hoc Committee, CASA Energy Committee, Other Reports
 4. ROBARDS
 - a. Gallinas Watershed Council/Miller Creek, 2023 Engineering Ad Hoc Committee re: STPURWE, 2023 McInnis Marsh Ad Hoc Committee, Other Reports
 5. YEZMAN
 - a. Flood Zone 7, CSRMA, 2023 Ad Hoc Engineering Committee re: STPURWE, Marin Special Districts, 2023 Biosolids Ad Hoc Committee, Other Reports
- 6:10 PM 7. BOARD REQUESTS:**
- A. Board Meeting Attendance Requests – Verbal
 - B. Board Agenda Item Requests – Verbal
- 6:15 PM 8. VARIOUS INDUSTRY RELATED ARTICLES**
- 6:20 PM 9. ADJOURNMENT**

FUTURE BOARD MEETING DATES: FEBRUARY 16 AND MARCH 2, 2023

AGENDA APPROVED:	Megan Clark, President	Patrick Richardson, Legal Counsel
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CERTIFICATION: I, Teresa Lerch, Board Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before January 30, 2023 4:00 p.m., I posted the Agenda for the Board Meeting of said Board to be held by Zoom February 2, 2023, at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: January 30, 2023



Teresa L. Lerch
Board Secretary

The Board of the Las Gallinas Valley Sanitary District meets regularly on the first and third Thursday of each month. The District may also schedule additional special meetings for the purpose of completing unfinished business and/or study session. Regular meetings are held at the District Office, 101 Lucas Valley Road, Suite 300, San Rafael, CA.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the District at (415) 472-1734 at least 24 hours prior to the meeting. Notification prior to the meeting will enable the District to make reasonable accommodation to help ensure accessibility to this meeting.

SPECIFICATIONS

1.1 UV CHAMBER

Item	Value
Material	• 316L Stainless Steel
Lamp Holder Assembly	• 316L SST • Food Grade UV resistant materials
Flange Type	• ANSI B16.5 Class 150 Slip On, 20" (508mm)
Drain Connection	• 1" ANSI
Reactor Orientation	• Horizontal
Weight	• <u>2100lbs</u> (953kg) Dry, 3700lbs (1678kg) Wet
Max. Operating Pressure	• 65 psi
Hydro Test Pressure	• 100 psi
Torque	• Endplate Flange Bolts (1 1/4" ø) = 150 ft/lb (without lubricant) • Inlet/Outlet Flange Bolts (1 1/8" ø) = 180 ft/lb (with anti-seize)

Trojan UV Weight

