



EAST BAY DISCHARGERS AUTHORITY  
2651 Grant Avenue  
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*A Joint Powers Public Agency*

**NOTICE:** In compliance with AB 361 (2021), the meeting scheduled below will be conducted virtually via Zoom video conferencing.

- Members of the public may participate in the meeting by clicking on the following Zoom link: <https://us02web.zoom.us/j/83944888857>
- You may also participate via telephone by dialing 1(669) 900-6833 and entering Meeting ID number 839 4488 8857.

## **ITEM NO. 17**

### **OPERATIONS & MAINTENANCE COMMITTEE AGENDA**

**Monday, December 12, 2022**

**9:00 A.M.**

**East Bay Dischargers Authority  
2651 Grant Avenue, San Lorenzo, CA 94580**

**Committee Members: Johnson (Chair); Cutter**

**OM1. Call to Order**

**OM2. Roll Call**

**OM3. Public Forum**

**OM4. EBDA Permit Compliance**

(The Committee will be updated on EBDA's NPDES compliance.)

**OM5. Status Report**

(The Committee will be updated on EBDA's O&M activities.)

**OM6. Adjournment**

Any member of the public may address the Commission at the commencement of the meeting on any matter within the jurisdiction of the Commission. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Commission limit their presentation to three minutes. Non-English speakers using a translator will have a time limit of six minutes. Any member of the public desiring to provide comments to the Commission on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.

In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in an Authority meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, contact Juanita Villasenor at [juanita@ebda.org](mailto:juanita@ebda.org) or (510) 278-5910. Notification of at least 48 hours prior to the meeting or time when services are needed will assist the Authority staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.

Agenda Explanation  
East Bay Dischargers Authority  
O&M Agenda  
December 12, 2022

In compliance with SB 343, related writings of open session items are available for public inspection at East Bay Dischargers Authority, 2651 Grant Avenue, San Lorenzo, CA 94580. For your convenience, agenda items are posted on the East Bay Dischargers Authority website located at <http://www.ebda.org>.

**The next O&M Committee meeting will be held  
Monday, January 16, 2023, at 9:00 a.m.  
This date may be changed due to the Martin Luther King Jr. Holiday.**

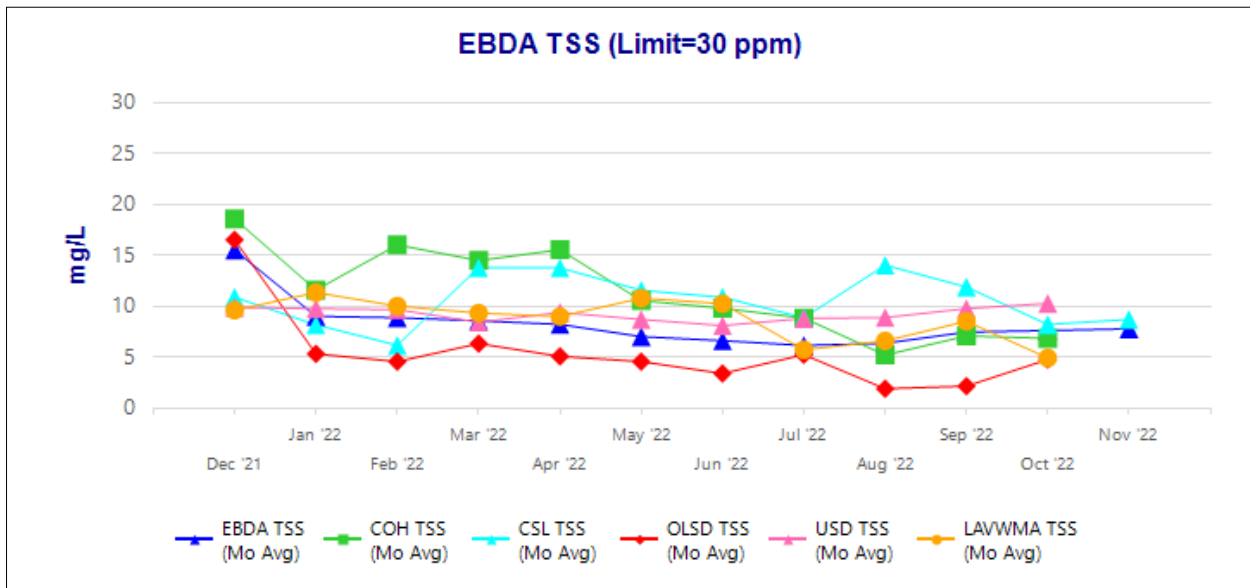
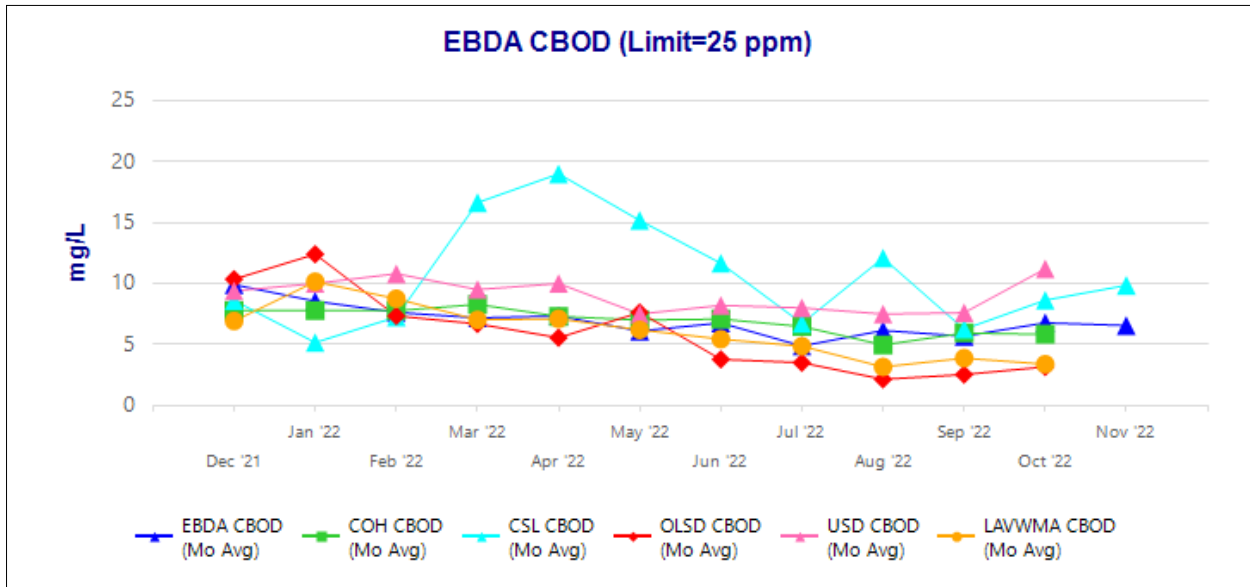
**ITEM NO. OM4 EBDA PERMIT COMPLIANCE**

**Recommendation**

For the Committee’s information only; no action is required.

**Discussion**

There were no NPDES permit violations in October, and preliminary data from November are also free of permit exceedances. Member Agency CBOD and TSS performance are shown below. A table with bacterial indicators is also included.



## EBDA Bacterial Indicators

Date	FECAL	ENTERO
	MPN/ 100mL	MPN/ 100mL
Limit (90th Percentile)	1100	1100
Limit (Geomean)	500	280
<b>December 2021 Geomean</b>	<b>22</b>	<b>8</b>
<b>January 2022 Geomean</b>	<b>4</b>	<b>2</b>
<b>February 2022 Geomean</b>	<b>6</b>	<b>6</b>
<b>March 2022 Geomean</b>	<b>7</b>	<b>4</b>
<b>April 2022 Geomean</b>	<b>2</b>	<b>7</b>
<b>May 2022 Geomean</b>	<b>5</b>	<b>48</b>
<b>June 2022 Geomean</b>	<b>5</b>	<b>57</b>
<b>July 2022 Geomean</b>	<b>20</b>	<b>6</b>
<b>August 2022 Geomean</b>	<b>15</b>	<b>34</b>
<b>September 2022 Geomean</b>	<b>43</b>	<b>28</b>
10/3/2022	4	< 2
10/4/2022	33	< 2
10/5/2022	NA	13
10/10/2022	4	4
10/11/2022	17	13
10/17/2022	72	4
10/18/2022	4	2
10/24/2022	17	2
10/25/2022	46	4
10/31/2022	< 2	12
<b>October 2022 Geomean</b>	<b>12</b>	<b>4</b>
11/1/2022	2	10
11/2/2022	NA	6
11/7/2022	17	12
11/8/2022	540	6
11/14/2022	4	8
11/15/2022	4	4
11/21/2022	4	15
11/22/2022	< 2	4
11/28/2022	2	6
11/29/2022	4	2
<b>November 2022 Geomean</b>	<b>6</b>	<b>6</b>

**ITEM NO. OM5 STATUS REPORT**

**Union Effluent Pump Station (UEPS)**

No change; all equipment is operational.

**Hayward Effluent Pump Station (HEPS)**

**Effluent Pump Replacement Project**

Bids were opened for this project to replace the four HEPS pumps at 2:00 pm on November 15, 2022. EBDA received the following bids:

DW Nicholson	\$855,181
GSE Construction	\$756,800
Pump Repair Service	\$725,900

Staff plans to bring a motion awarding this project to the Commission next month for consideration.

**Oro Loma Effluent Pump Station (OLEPS)**

**Emergency Outfall Upgrade**

Carollo Engineers (Carollo) completed an evaluation of the OLEPS emergency outfall to determine the outfall's maximum capacity and whether modifications to the outfall weir would increase system detention time and delay or prevent an unanticipated bypass in the event of a catastrophic failure at OLEPS. Carollo recommended that the existing lumber weir be replaced with a permanent concrete weir at an increased elevation. On September 16, 2022, Carollo Engineers completed the drawing and specifications that will be used for construction of the new elevated weir. Staff is in the process of requesting bids for this project from contractors.

**Main Electrical Switchboard Upgrade**

There are two outstanding items that still need to be addressed prior to completing the OLEPS Main Electrical Switchboard Upgrade Project. Schneider Electric, the project contractor, must fabricate and install new blanks or spacers to cover the space between the new breakers and the front panels. Schneider Electric also needs to issue a credit of approximately \$4,800 to reimburse EBDA for expenses incurred during the June 23, 2022, shutdown that was cancelled due to their oversights.

## **Skywest Pump Station**

### **Recycled Water Production**

During the month of November 2022, the Skywest Recycled Water System operated for two days and produced 1.0 million gallons of recycled water.

## **Marina Dechlorination Facility (MDF)**

No change; all equipment is operational.

## **Force Main**

No change; all equipment is operational.

## **Operations Center**

No change; all equipment is operational.

## **Miscellaneous Items**

### **Underground Service Alerts**

EBDA received eighteen (18) Underground Service Alert (USA) tickets during the month of November 2022. Seven required an Electronic Positive Response (EPR) and calls/emails to the excavators, and five required field verification.

### **EBDA Vehicle**

On September 16, 2022, a Purchase Order was submitted to National Auto Fleet Group for EBDA's new F-150 Truck. On September 26, 2022, staff traded in EBDA's 2008 Ford Ranger for \$9,100. Due to the high trade-in value, it was necessary to trade-in the truck as soon as possible before the trade-in value was reduced. The new F-150 is on order, and EBDA is waiting for an estimated delivery date from Ford.

## **Special Projects**

### **Roof Replacement Projects**

On September 26, 2022, the Agreement with Garland/DBS, Inc. for the roof replacements at the EBDA Administration Building, the MDF Sodium Bisulfite (SBS) Storage Building, and OLEPS was signed. Some of the roofing supplies for all three roofs were delivered to OLEPS during the week of October 31, 2022. The contractor is planning on starting the project when the weather permits.

### **Cargill Brine Project**

Staff is continuing to work with the Authority's CEQA consultant, Ascent Environmental, on preparation of the Environmental Impact Report (EIR) for the project. A draft of the EIR is currently undergoing internal review, and staff expects to release it for public

comment in December. Information about the project and the CEQA process are being kept up to date here: <https://ebda.org/projects/cargill-partnership/>.

Staff has begun negotiations with Cargill on a Project Development and Operating Agreement, which would be brought to the Commission for consideration coincident with EIR certification, likely in Spring 2023. A draft technical addendum has been developed that outlines water quality limitations and monitoring requirements to ensure EBDA's continued compliance with our NPDES permit once brine discharge commences. The addendum will also include a corrosion monitoring plan, with triggers for action if accelerating corrosion is observed.

**Advanced Quantitative Precipitation Information (AQPI) Project**

The regional AQPI project continues to move forward with a goal of improving prediction of rainfall events in the Bay Area. Installation of the radar at Rocky Ridge has faced some additional delays relating to contractor approval by American Tower, who controls the Rocky Ridge site via lease from EBMUD. A new contractor has been approved by American Tower, and installation is now planned for the week of December 6, 2022. An update on installation will be provided at the Committee Meeting.