



**ITEM NO. 12**

**OPERATIONS & MAINTENANCE COMMITTEE AGENDA**

**Monday, March 17, 2025**

**4:00 PM**

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

**Committee Members: Young (Chair); Azevedo**

**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  
March 17, 2025

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>.

**Next Scheduled Operations and Maintenance Committee is  
Monday, April 14, 2025**

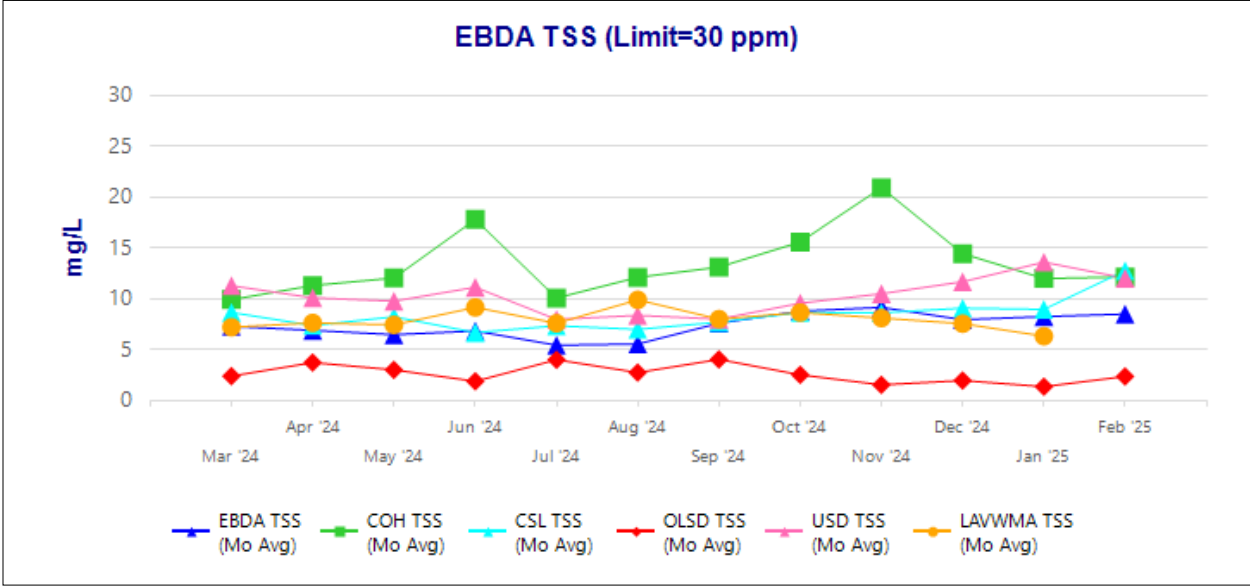
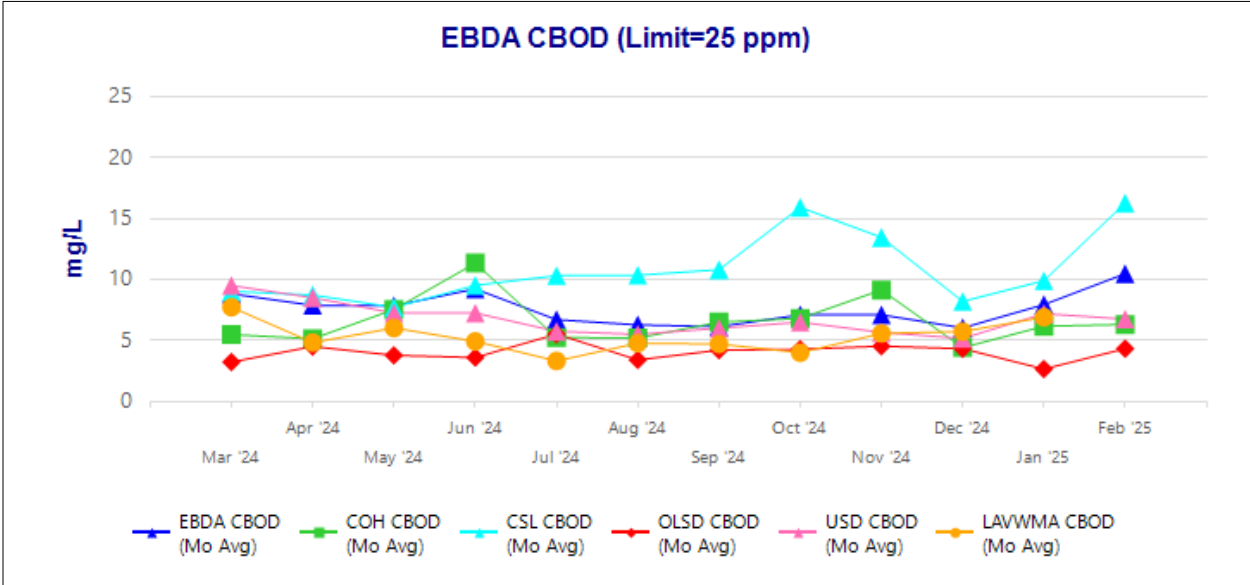
**ITEM NO. OM4 EBDA PERMIT COMPLIANCE**

**Recommendation**

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

**Discussion**

EBDA and its members continued our NPDES compliance in January, and preliminary February data indicates compliance as well. Member Agency CBOD and TSS performance are shown below. A table with bacterial indicators follows.



## EBDA Bacterial Indicators

Date	FECAL	ENTERO
	MPN/ 100mL	MPN/ 100mL
Limit (90th Percentile)	1100	1100
Limit (Geomean)	500	280
<b>March 2024 Geomean</b>	<b>6</b>	<b>7</b>
<b>April 2024 Geomean</b>	<b>9</b>	<b>3</b>
<b>May 2024 Geomean</b>	<b>12</b>	<b>4</b>
<b>June 2024 Geomean</b>	<b>60</b>	<b>9</b>
<b>July 2024 Geomean</b>	<b>59</b>	<b>5</b>
<b>August 2024 Geomean</b>	<b>153</b>	<b>21</b>
<b>September 2024 Geomean</b>	<b>109</b>	<b>13</b>
<b>October 2024 Geomean</b>	<b>33</b>	<b>4</b>
<b>November 2024 Geomean</b>	<b>24</b>	<b>2</b>
<b>December 2024 Geomean</b>	<b>22</b>	<b>5</b>
1/1/2025	NA	13
1/6/2025	33	20
1/7/2025	310	< 2
1/8/2025	79	2
1/13/2025	22	6
1/14/2025	33	< 2
1/15/2025	4	NA
1/20/2025	4	< 2
1/21/2025	7	8
1/27/2025	49	8
1/28/2025	NA	10
<b>January 2025 Geomean</b>	<b>25</b>	<b>5</b>
2/3/2025	350	2
2/4/2025	17	22
2/5/2025	NA	10
2/10/2025	110	10
2/11/2025	17	22
2/12/2025	NA	17
2/17/2025	17	10
2/18/2025	49	8
2/24/2025	31	13
2/25/2025	49	6
<b>February 2025 Geomean</b>	<b>44</b>	<b>10</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**

On January 20, vibration testing was completed on the two new HEPS pumps. The vibration testing report was sent to the pump manufacturer, and staff is waiting for their response. Both new pumps tested well below the allowable vibration limits, and both have been operating for almost two months without any major issues. As previously discussed, one of the new pumps makes an unusual intermittent noise, though it does not appear to impact operations. Once the noise issue is resolved and the pump manufacturer clears both new pumps, work will start on the third new pump.

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

#### **Automatic Transfer Switch Upgrade**

Todd Beecher, EBDA's contract electrical engineer, has updated the OLEPS electrical system single line diagrams and completed a design memorandum for two new automatic transfer switches (ATSs) at OLEPS. Mr. Beecher will present his recommendations to the MAC at its next meeting. The two new ATSs will improve reliability of the pump station in the event of a power outage. If PG&E power fails, the OLEPS emergency generator is the primary source of backup power. Currently, if the emergency generator fails to start, operators can manually switch to the secondary source of backup power from OLSD. The installation of two new ATSs will allow the switch from primary to secondary backup to occur automatically. This ATS work is being completed as part of Phase 2 of the OLEPS Electrical Upgrades. Replacement of the breakers and refurbishment of the Main Switchboard was completed in Phase 1 of the OLEPS Electrical Upgrades last year.

### **Skywest Pump Station**

#### **Recycled Water Production**

During the month of February 2025, the Skywest Recycled Water System did not produce any 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 nine (9) Underground Service Alert (USA) tickets during the month of February 2025. Two required an Electronic Positive Response (EPR), calls/emails to the excavators, and field verification.

**Wet Weather**

Total rainfall for the month of February 2025 (in inches) was as follows:

Oakland	Hayward	Livermore
2.96	4.92	2.06

Noteworthy daily rainfall for the month of February 2025 (in inches) was as follows:

Date	Oakland	Hayward	Livermore
2/4/2025	0.86	1.58	0.68
2/6/2025	0.37	0.58	0.39
2/12/2025	0.22	0.40	Data Missing
2/13/2025	1.17	1.88	0.72

Average daily flow at MDF was as follows:

Date	MDF Average Daily Flow - MGD
November 2024 Monthly Average	64.3
December 2024 Monthly Average	71.2
January 2025 Monthly Average	63.5
February 2025 Monthly Average	76.1
2/12/2025	67.4
2/13/2025	120.4
2/14/2025	112.9
2/15/2025	95.0

During the month of February 2025, there were two significant rain events, one of which (February 13) required one OLEPS diesel pump to operate for 6.8 hours. During the rain events, when extra pumping capacity was available with the equipment already online, EBDA requested extra flow from all Member Agencies. On February 13, OLSD/CVSan had a peak influent flow of 66 MGD, and their 3-hour average effluent flow to EBDA was 47.6 MGD. Per the JPA, OLSD/CVSan’s maximum flow rate capacity is 30 MGD over a 3-hour average, which was exceeded. However, because this was OLSD/CVSan’s first

capacity exceedance event of the fiscal year, capacity exceedance fees will not be assessed. EBDA would like to thank all Member Agency staff for the excellent communication and collaboration during the rain events.

## **Special Projects**

### **Cargill Brine Project**

As discussed at previous Commission Meetings, following certification of the Final Environmental Impact Report (EIR) for the proposed project, Cargill informed EBDA staff that they made the decision to re-evaluate the pipeline route. Cargill is continuing to refine the route and is also investigating an alternative that would upgrade and repurpose a former Shell pipeline. Cargill's preliminary schedule shows construction beginning sometime between 2027 and 2030 depending on permitting, with operation commencing between 2031 and 2033.

Cargill has requested that EBDA consider a Project Approval Agreement between the parties that would allow Cargill to begin construction on elements of the project that do not directly affect EBDA, such as reconfiguration of intakes and pond structures at Cargill's Newark salt facility. Staff is currently working with Cargill to negotiate this agreement and expects to bring it to the Commission for consideration in the coming months. The Agreement would be accompanied by findings and a resolution to approve the EIR, including an EIR Addendum that analyzes mitigation measures for species for which the endangered species listing status changed following EIR certification. Once negotiated, the Project Approval Agreement would be superseded by the final Operating Agreement.

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

The regional AQPI project continues to move forward with the goal of improving the prediction of rainfall events in the Bay Area. Following a series of delays, the East Bay radar was installed at [Rocky Ridge](#) in Las Trampas Regional Wilderness Park in December 2022, and data from the site became available in December 2023. The AQPI Program Management team developed an updated website and data management tools for the 2024-2025 wet season. Agencies are currently developing additional tools to make the data more accessible for use in decision-making.

Sonoma Water, which has acted as program manager and grant administrator for the project since its inception, is in the process of reaching out to participating agencies regarding future funding needs. This includes funding for installation of a C-band radar to complete the regional radar network, as well as long-term funding to the Center for Western Weather and Water Extremes (CW3E) at Scripps Institution of Oceanography, UC San Diego, for AQPI system operation, maintenance, and improvements. This local funding would supplement state and federal funding that the team is also seeking. More information will be provided to the Commission as the specific request becomes clear.

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