



EAST BAY DISCHARGERS AUTHORITY
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A Joint Powers Public Agency

ITEM NO. 13

OPERATIONS & MAINTENANCE COMMITTEE AGENDA

Monday, December 16, 2024

4:00 PM

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

**This meeting will be teleconferenced from the following location:
963 Dillo Street, San Leandro CA**

**Teleconference link: <https://us02web.zoom.us/j/85748282191>
Call-in: 1(669) 900-6833 and enter Webinar ID number: 857 4828 2191**

Committee Members: Simon (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 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 16, 2024

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, January 13, 2025, at 4:00 pm**

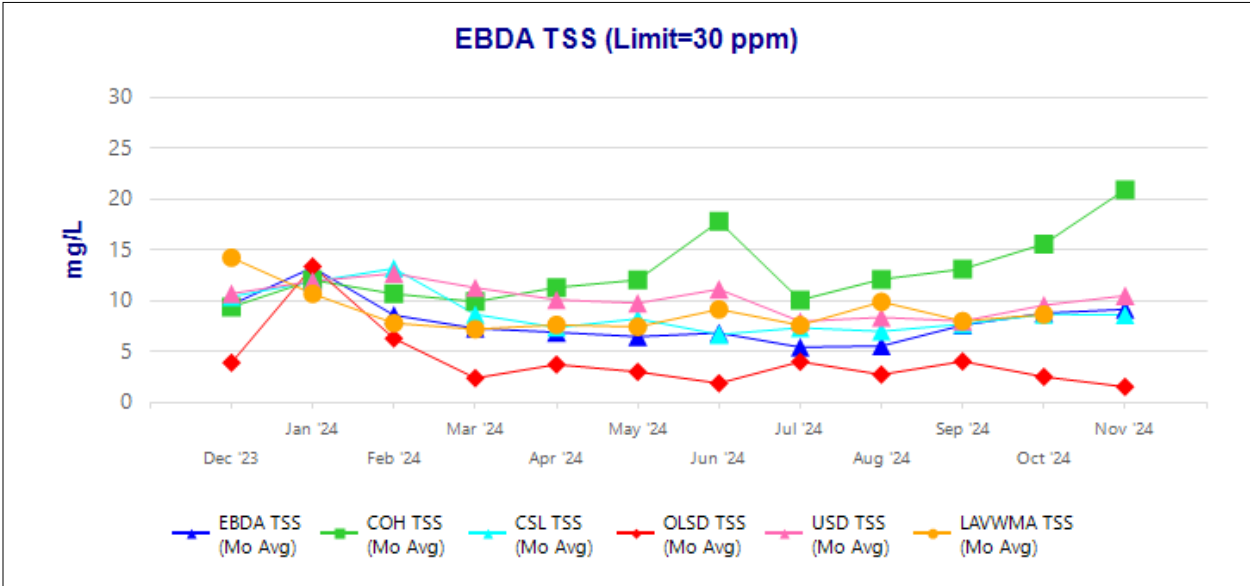
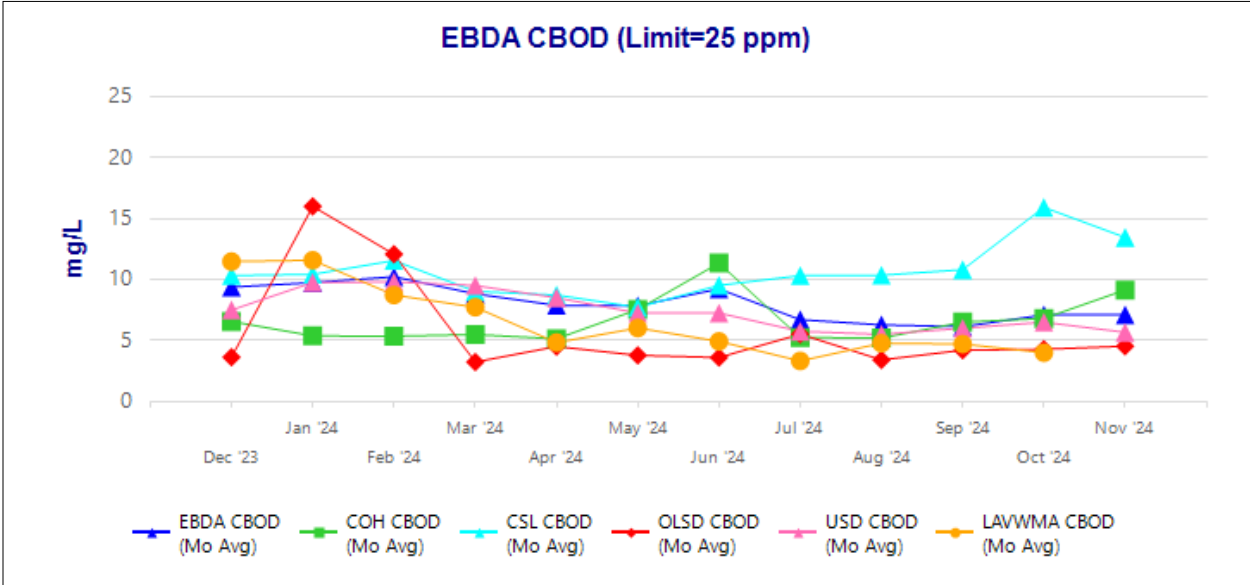
ITEM NO. OM4 EBDA PERMIT COMPLIANCE

Recommendation

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

Discussion

EBDA and its members continued our NPDES compliance in October, and preliminary November 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
December 2023 Geomean	7	5
January 2024 Geomean	12	4
February 2024 Geomean	8	15
March 2024 Geomean	6	7
April 2024 Geomean	9	3
May 2024 Geomean	12	4
June 2024 Geomean	60	9
July 2024 Geomean	59	5
August 2024 Geomean	153	21
September 2024 Geomean	109	13
10/1/2024	33	4
10/2/2024	NA	22
10/7/2024	13	4
10/8/2024	22	17
10/14/2024	350	8
10/15/2024	33	14
10/21/2024	14	17
10/22/2024	13	6
10/28/2024	79	2
10/29/2024	140	< 10
October 2024 Geomean	33	4
11/4/2024	23	< 2
11/5/2024	11	4
11/6/2024	NA	2
11/11/2024	17	< 2
11/12/2024	13	4
11/13/2024	NA	< 2
11/18/2024	79	4
11/19/2024	350	2
11/25/2024	8	2
11/26/2024	8	2
November 2024 Geomean	24	2

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

During startup testing of the two new HEPS pumps, one of the new pumps was making an unusual intermittent noise. The pump with the noise was shutdown. On December 2, the pump manufacturer's local representative performed numerous tests on the new pump with the noise. The testing results were communicated back to the pump manufacturer, who recommended that EBDA operate the new pump and monitor the noise. The pump manufacturer has agreed to continue honoring the warranty terms for the pump. After the two new pumps have each operated for several weeks without any issues, and the pump manufacturer clears the pump with the noise, work will start on the third new pump.

Oro Loma Effluent Pump Station (OLEPS)

Diesel Fuel System Improvements

As discussed at last month's Commission Meeting, on October 18 during a PG&E power shutdown, the OLEPS diesel fuel system failed, and a discharge to the OLEPS emergency outfall was narrowly avoided. The ultimate cause of the problems was traced to the failure of a diesel transfer pump, which prevented the generator and diesel pumps from running. The transfer pump has since been replaced, and check valves were installed in the fuel line to the generator and to each of the diesel pumps to prevent a similar issue from reoccurring.

Skywest Pump Station

Recycled Water Production

During the month of November 2024, the Skywest Recycled Water System operated for one day and produced 0.5 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

Termite Fumigation

On October 3, termites were discovered in the EBDA Administration Building. Termites were subsequently discovered under the OLSD Administration Building as well. Terminix, OLSD and EBDA’s pest control contractor, recommended that the EBDA Administration Building and the OLSD Administration, Engineering, and Collections Buildings be fumigated. On November 18, the fumigation was completed, and staff was allowed to return to the buildings after all spaces were tested and cleared for occupancy.



Miscellaneous Items

Underground Service Alerts

EBDA received eleven (11) Underground Service Alert (USA) tickets during the month of November 2024. Four required an Electronic Positive Response (EPR) and calls/emails to the excavators, and two required field verification.

Wet Weather

During the month of November 2024, there was one Bay Area atmospheric river rain event. It was mostly concentrated in the North Bay, with the bottom edge reaching EBDA's service area on November 22. Because this was the first significant rain of the season, the ground was dry, and EBDA received only slightly increased flows.

Total rainfall for the month of November 2024 (in inches) was as follows:

Oakland	Hayward	Livermore
1.55	2.27	1.20

Significant daily rainfall for the month of November 2024 (in inches) was as follows:

Date	Oakland	Hayward	Livermore
11/22/2024	0.99	1.52	0.67

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 have made the decision to re-evaluate the "Bayside" pipeline route. Cargill is continuing to refine the route and expects it to be very similar to the Bayside alternative outlined in the EIR. Cargill is continuing to meet with landowners along the new proposed route. Cargill is also investigating an alternative that would upgrade and repurpose a former Shell pipeline.

Cargill's preliminary schedule shows revised CEQA analysis in 2025, and construction beginning sometime between 2027 and 2030 depending on permitting, with operation commencing between 2031 and 2033. Cargill has requested that EBDA consider an interim 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. 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.