



ITEM NO. 12

OPERATIONS & MAINTENANCE COMMITTEE AGENDA

Monday, October 14, 2024

4:00 PM

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

**This meeting will be teleconferenced from the following location:
Hyatt Hotel Lobby, 1 Market Place, San Diego, 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
October 14, 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, November 18, 2024, at 4:00 pm**

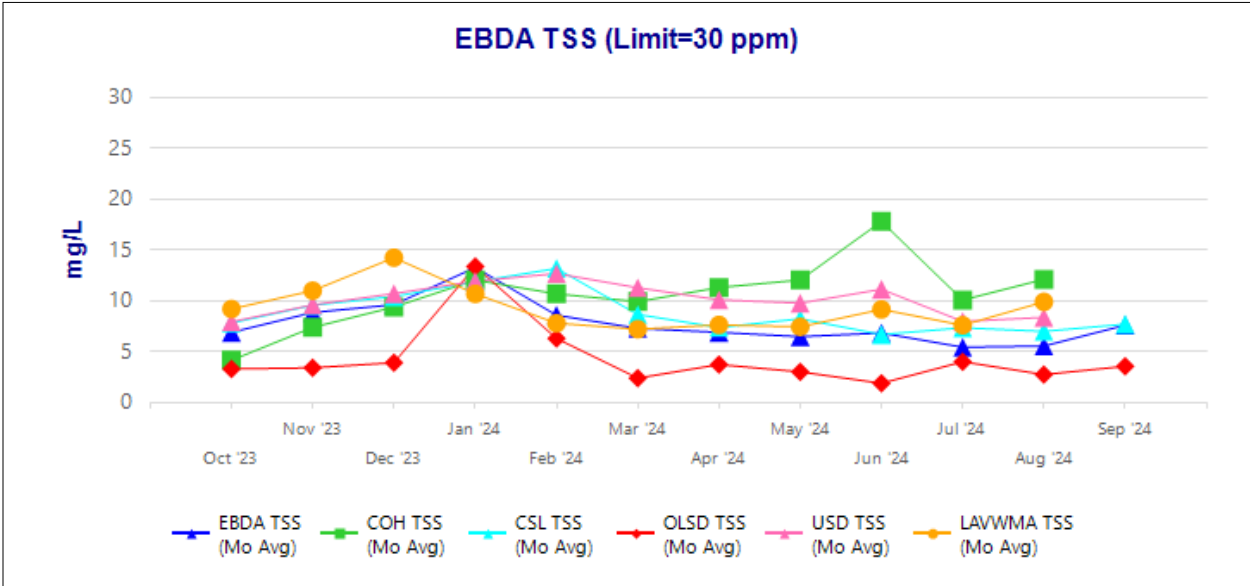
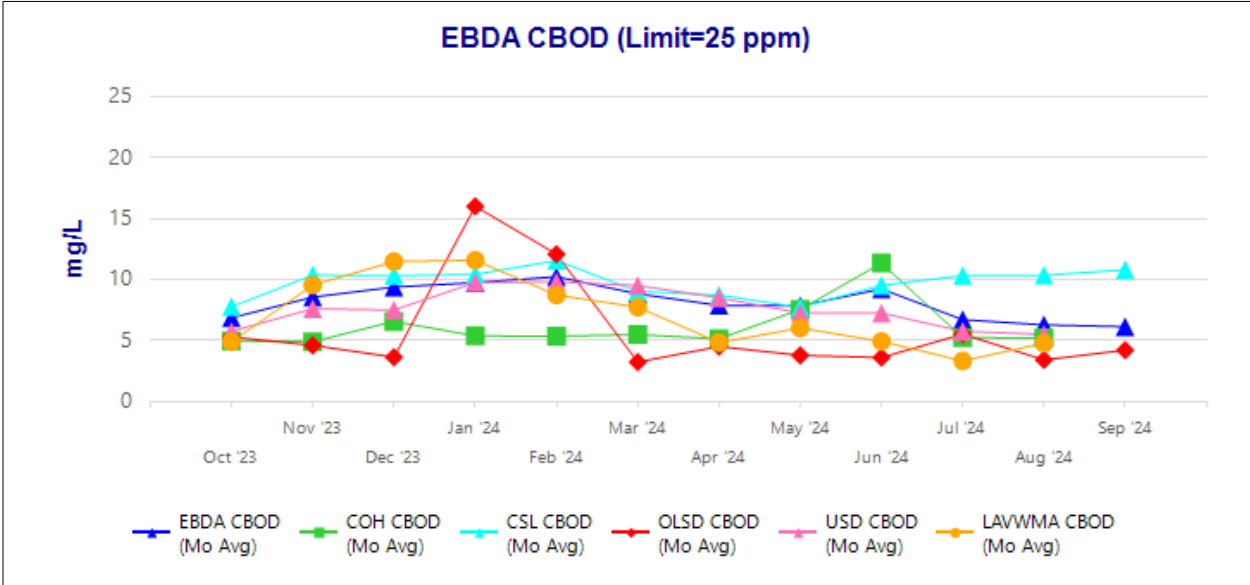
ITEM NO. OM4 EBDA PERMIT COMPLIANCE

Recommendation

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

Discussion

EBDA and its members continued our NPDES compliance in August, and preliminary September 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
October 2023 Geomean	18	3
November 2023 Geomean	8	8
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
8/5/2024	70	10
8/6/2024	13	17
8/7/2024	NA	20
8/12/2024	350	10
8/13/2024	130	20
8/14/2024	NA	86
8/19/2024	350	24
8/20/2024	920	24
8/26/2024	49	17
8/27/2024	460	24
August 2024 Geomean	153	21
9/2/2024	540	22
9/3/2024	140	22
9/5/2024	NA	13
9/9/2024	240	24
9/10/2024	13	46
9/16/2024	920	< 2
9/17/2024	350	10
9/23/2024	13	2
9/24/2024	170	12
9/30/2024	13	29
September 2024 Geomean	109	13

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 September 30, the second new HEPS Pump was installed. Both new pump bases will be grouted in the next few weeks and then vibration testing will be scheduled. Once the vibration testing is completed and a couple of small punch list items are addressed, the two new pumps will be placed in service. After the new pumps have operated for several weeks without any issues, work will start on the third new pump.

Oro Loma Effluent Pump Station (OLEPS)

Wet Well Preventative Maintenance Activities

During the weeks of September 9 and 16, EBDA staff coordinated with the OLSD Operations and Maintenance Departments to isolate and pump down the North and South Wet Wells at OLEPS to facilitate preventative maintenance activities.

While the Wet Wells were pumped down, the OLSD Maintenance Department performed confined space entries to inspect the heat exchangers on the No. 2 and 3 Effluent Pumps. The heat exchangers were found to be in good condition. Staff would like to thank the OLSD Operations and Maintenance Departments for their assistance completing these preventative maintenance activities.

Wet Well Sluice Gate Preventative Maintenance

During the preventative maintenance activities described above, GSE Construction Co., Inc. (GSE) cleaned and performed preventative maintenance on all seven of the large OLEPS Wet Well Sluice Gates, including pressure washing the Wet Wells in preparation for the OLSD Maintenance Department confined space entries. This work, along with the replacement of the North Wet Well Influent Gate shaft and guide-bearing, which were installed last October, completes the Wet Well Sluice Gate project on the FY 2023/2024 Renewal and Replacement Fund List.

PG&E Power Outage

On September 10 and 13, PG&E scheduled power outages from 9:00 am to 3:30 pm. The first outage affected the West end of Grant Avenue, including the EBDA and OLSD Administration Buildings, OLEPS, and the OLSD/CVSan Treatment Plant. The second outage affected only OLEPS and the OLSD/CVSan Treatment Plant. Another power outage affecting the West end of Grant Avenue is scheduled for October 18. During the first outage, OLEPS received backup power from OLSD, and one diesel pump operated

without any issues. During the second outage, the OLEPS generator and one diesel pump operated without any issues.

Skywest Pump Station

Recycled Water Production

During the month of September 2024, the Skywest Recycled Water System operated for two days and produced 1.08 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 eleven (11) Underground Service Alert (USA) tickets during the month of September 2024. Two required an Electronic Positive Response (EPR), calls/emails to the excavators, and field verification.

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. Data from the Rocky Ridge site finally became available in early December 2023, and the AQPI Program Management team is developing an updated website and data management tools, which they expect to make available before the 2024-2025 wet season. Commissioners and staff attended a site visit at Rocky Ridge on the afternoon of June 28, 2024, and were able to see the radar close up. Another site tour will be scheduled for after the rainy season.

THIS PAGE INTENTIONALLY LEFT BLANK