



EAST BAY DISCHARGERS AUTHORITY
2651 Grant Avenue
San Lorenzo, CA 94580-1841
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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. 13

OPERATIONS & MAINTENANCE COMMITTEE AGENDA

Monday, November 14, 2022

8:30 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 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
November 14, 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, December 12, 2022, at 9:00 a.m.**

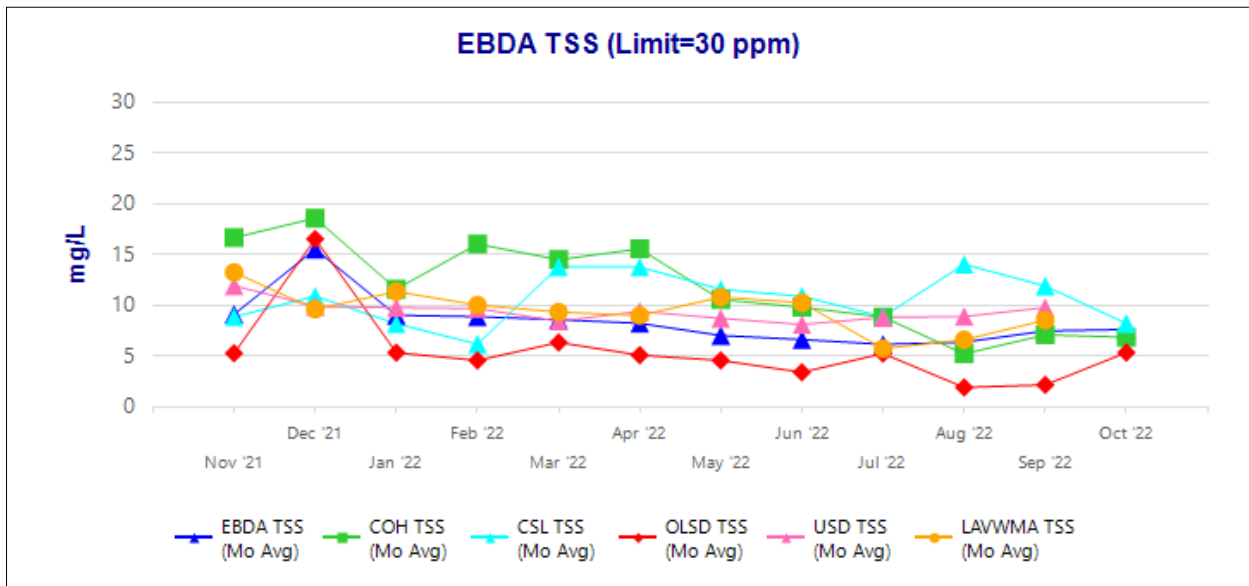
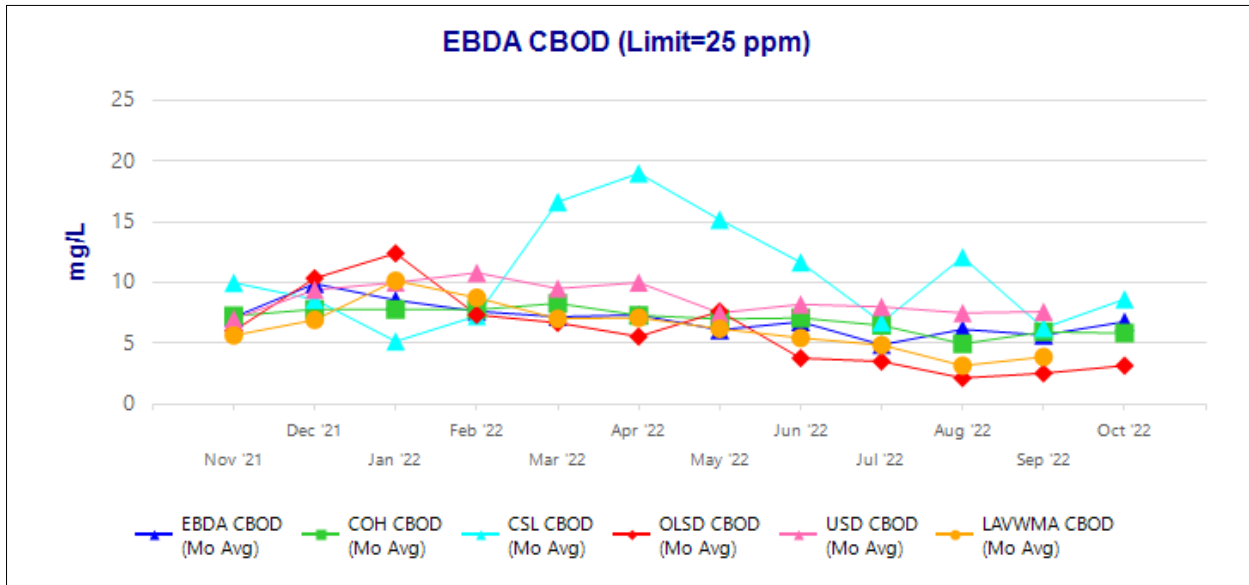
ITEM NO. OM4 EBDA PERMIT COMPLIANCE

Recommendation

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

Discussion

There were no NPDES permit violations in September, and preliminary data from October 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
November 2021 Geomean	13	8
December 2021 Geomean	22	8
January 2022 Geomean	4	2
February 2022 Geomean	6	6
March 2022 Geomean	7	4
April 2022 Geomean	2	7
May 2022 Geomean	5	48
June 2022 Geomean	5	57
July 2022 Geomean	20	6
August 2022 Geomean	15	34
9/5/2022	170	19
9/6/2022	1100	8
9/7/2022	NA	34
9/12/2022	4	10
9/13/2022	13	63
9/14/2022	NA	15
9/19/2022	22	51
9/20/2022	350	37
9/26/2022	13	24
9/27/2022	13	115
September 2022 Geomean	43	28
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
October 2022 Geomean	12	4

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

The Notice Inviting Bids for this project was advertised on October 4 and 11, 2022. On October 18, 2022, a pre-bid conference was conducted at HEPS, and the bids are due on November 15, 2022.

Oro Loma Effluent Pump Station (OLEPS)

Effluent Pump No. 2 Inlet Gate

In the process of completing preventative maintenance activities at OLEPS, the Effluent Pump No. 2 Inlet Gate got stuck in the closed position when the actuator drive threads failed. OLSD Maintenance staff disassembled the gate actuator, opened the gate using the OLEPS Bridge Crane, and sent the old actuator part out to have a new one custom fabricated. On October 31, 2022, the newly fabricated actuator drive threads were installed, and the Effluent Pump No. 2 Inlet Gate is fully operational.

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 October 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 twenty-one (21) Underground Service Alert (USA) tickets during the month of October 2022. Seven required an Electronic Positive Response (EPR), eight required calls/emails to the excavators, and three 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 now been identified, and the team is awaiting American Tower's approval.