EBDA
East Bay Dischargers Authority

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ITEM NO. 17

OPERATIONS & MAINTENANCE COMMITTEE AGENDA

Tuesday, May 19, 2026 at 4:00 PM

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

Committee Members: Johnson (Chair); Boldt

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. Draft Renewal and Replacement Fund Project List for Fiscal Year 2026/2027
(The Committee will review the proposed RRF project list for FY2026/2027.)

OM7. 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.

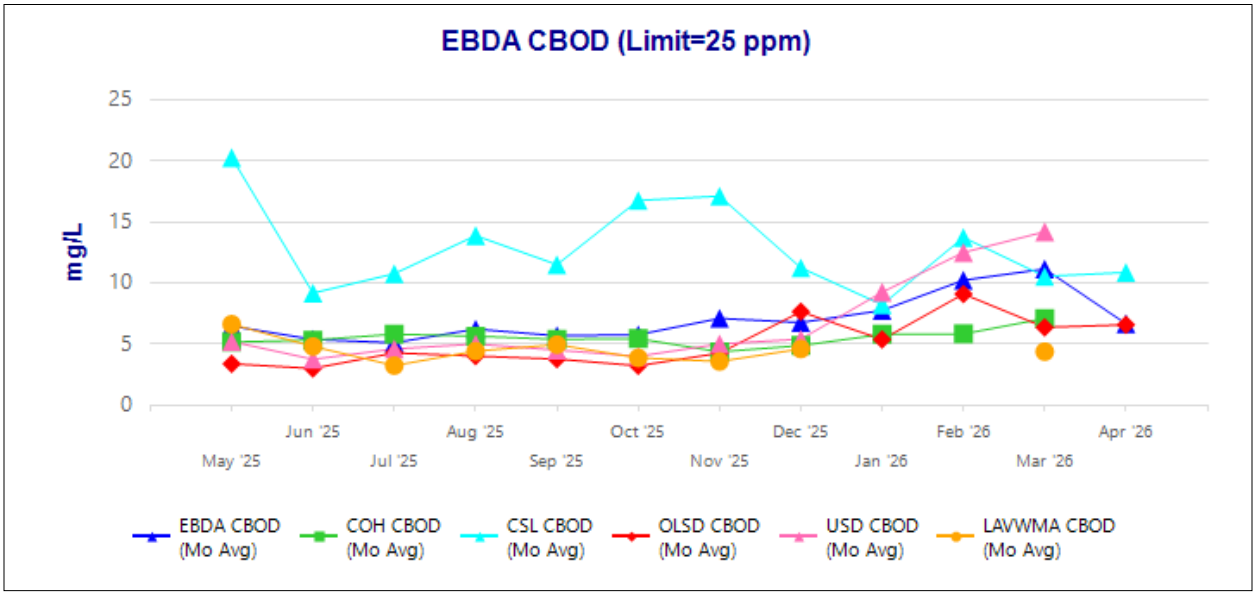
In compliance with SB 343, related writings of open session items are available for public inspection at East Bay Dischargers Authority, 2651 Grant Avenue, San Lorenzo, CA 94580. For your convenience, agenda items are posted on the East Bay Dischargers Authority website located at http://www.ebda.org.

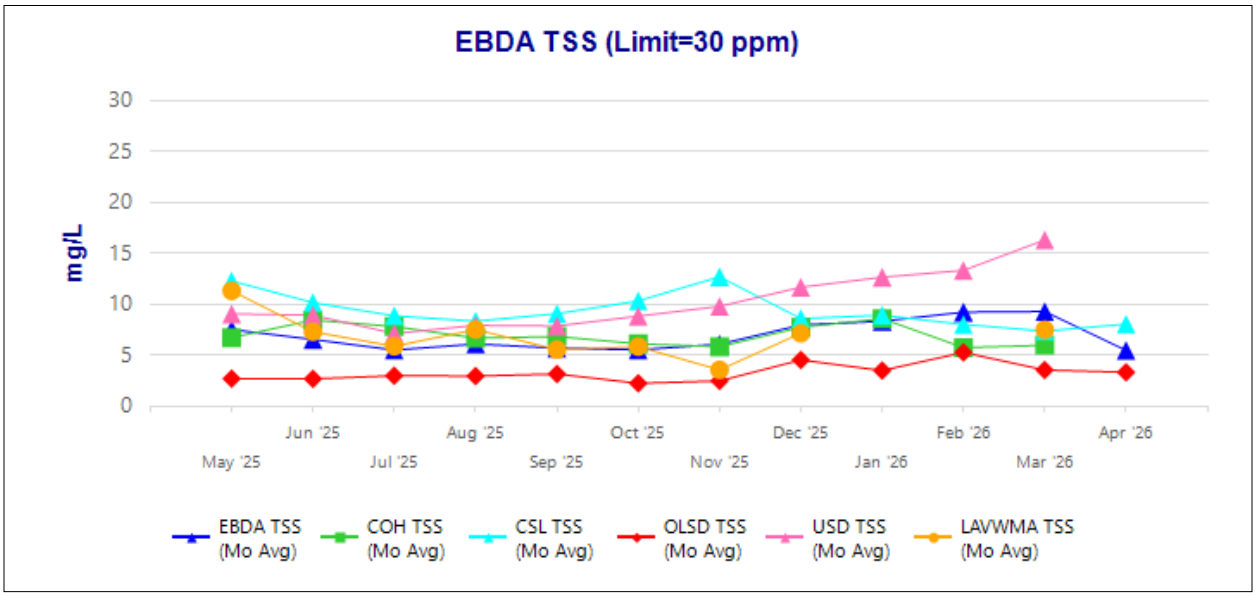
Next Scheduled Operations and Maintenance Committee is
June 16, 2026 at 4:00 pm

ITEM NO. OM4 EBDA PERMIT COMPLIANCE

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

Discussion
EBDA has continued NPDES compliance. Member Agency CBOD and TSS performance are shown below. A table with bacterial indicators follows.





EBDA Bacterial Indicators

Date	FECAL MPN/ 100mL	ENTERO MPN/ 100mL
Limit (90th Percentile)	1100	1100
Limit (Geomean)	500	280
May 2025 Geomean	**41**	**148**
June 2025 Geomean	**17**	**12**
July 2025 Geomean	**25**	**4**
August 2025 Geomean	**16**	**6**
September 2025 Geomean	**64**	**8**
October 2025 Geomean	**33**	**4**
November 2025 Geomean	**14**	**61**
December 2025 Geomean	**15**	**5**
January 2026 Geomean	**21**	**10**
February 2026 Geomean	**6**	**10**
3/2/2026	< 2	< 10
3/3/2026	< 2	2
3/9/2026	2	2
3/10/2026	< 2	10
3/16/2026	4	6
3/17/2026	240	2
3/23/2026	< 2	2
3/24/2026	< 2	4
3/30/2026	2	4
3/31/2026	2	2
March 2026 Geomean	**3**	**4**
4/6/2026	< 2	< 10
4/7/2026	< 2	2
4/8/2026	NA	10
4/13/2026	< 2	6
4/14/2026	4	4
4/15/2026	NA	4
4/20/2026	49	8
4/21/2026	2	8
4/27/2026	4	4
4/28/2026	13	4
April 2026 Geomean	**4**	**5**

ITEM NO. OM5 STATUS REPORT

Union Effluent Pump Station (UEPS)

No change; all equipment is operational.

Hayward Effluent Pump Station (HEPS)

Effluent Pump #3 Motor Failure
On January 4, HEPS Effluent Pump #3 motor, recently installed as part of the Effluent Pump Replacement Project, failed. The next day, the City of Hayward's electricians investigated the issue and determined that the motor experienced a ground fault. On January 22, the contractor that installed the new pumps and motors removed the failed motor and sent it to Koffler Electrical, the local General Electric (GE) motor warranty shop in the area. GE approved the warranty repair of the motor. GE was scheduled to ship the replacement parts to complete the warranty repair on March 10. GE has still not shipped the replacement parts. Koffler Electrical has been contacting GE on a regular basis, and we are still waiting for an update from GE.

Oro Loma Effluent Pump Station (OLEPS)

Emergency Outfall Cleaning
On March 25, DW Nicholson completed cleaning the OLEPS Emergency Outfall. In compliance with EBDA's NPDES permit, EBDA needs to occasionally clean the emergency outfall to ensure its capacity is available in the event of an emergency. The cleaning project was completed in 2.5 days, and 60 cubic yards of debris were hauled away. The debris consisted mostly of large pieces of driftwood. It was particularly difficult to remove the debris from the underground section, which is approximately 70 feet long. EBDA would like to thank Oro Loma Sanitary District for supplying three 20-yard debris boxes free of charge to EBDA. DW Nicholson completed the project for $11,700. Please see the maps and the before and after photos below.

OLEPS Emergency Outfall Location

Before Debris Removal

After Debris Removal

Before Debris Removal

After Debris Removal

Before Debris Removal

After Debris Removal

Skywest Pump Station

Recycled Water Production
During the month of March 2026, the Skywest Recycled Water System operated for two days on generator power and produced 0.76 million gallons of recycled water.

During the month of April 2026, the Skywest Recycled Water System operated for four days on generator power and produced 1.92 million gallons of recycled water.

Skywest Electrical Issues
On December 25, a storm downed a PG&E power pole located near the Center Pond on the Skywest property. This resulted in the loss of power to the City of Hayward's and EBDA's equipment near the Center Pond. PG&E replaced the power pole on December 26, and Hayward staff began working to reestablish power to the equipment, which is required both to fill the Center Pond and to transfer water from the Center Pond to the East Pond. On January 26, Hayward informed EBDA that the parts for the new Center Pond electrical panel have a 6- to 10-week lead time.

In March, City of Hayward staff rented a portable generator and connected it to the equipment near the Center Pond. On March 10 and 11, EBDA sent water to the Center Pond, and Hayward staff transferred some of that water to the East Pond. On the evening of March 10, Hayward's pump that transfers water from the Center Pond to the East Pond tripped and would not reset. EBDA continued to send water to the Center Pond until it was full. On March 15, a City of Hayward contracted electrician replaced the shorted wires to the pump and water was transferred from the Center Pond to the East Pond.

On April 6, the City of Hayward staff rented another portable generator and connected it to the equipment near the Center Pond. For four days from April 7 to April 10, EBDA sent water to the Center Pond that was transferred to the East Pond. During that four-day run, the City of Hayward Water Department repaired two leaks in the transfer line to the East Pond.

Sometime after the four-day run was completed, there was major vandalism of the electrical panels for the equipment near the Center Pond – see photo below. At this point, the equipment near the Center Pond is inoperable, and the electrical panels would need to be replaced before a portable generator could be connected to the equipment. Water cannot be sent to the property by EBDA, or transferred by the City of Hayward from the Center Pond to the East Pond, until the electrical system is replaced. The City is currently evaluating its options.

Skywest Center Pond Electrical Panel Vandalism

Total rainfall for the month of March 2026 (in inches) was as follows:

Oakland	Hayward	Livermore
0.19	0.18	0.05

Total rainfall for the month of April 2026 (in inches) was as follows:

Oakland	Hayward	Livermore
3.51	4.40	1.79

Significant daily rainfall for the month of April 2026 (in inches) was as follows:

Date	Oakland	Hayward	Livermore
4/10/2026	0.42	0.70	0.33
4/11/2026	0.88	0.81	0.39
4/12/2026	0.39	0.28	0.21
4/20/2026	1.31	1.42	0.08
4/21/2026	0.32	0.35	0.43

Special Projects

Cargill Brine Project

Cargill is moving forward with a revised project plan that involves lining an existing steel pipeline previously used to transfer jet fuel, and connecting that pipeline to their Newark salt facility, and to EBDA's outfall downstream of MDF. They have reached agreements with the pipeline's owners, Shell and Air Products, to allow them to conduct due diligence activities this year. Cargill has begun inspection activities on the pipeline, in coordination with EBDA. Cargill also continues to meet with key stakeholders to inform them of their updated plans and engage them for the required agreements that Cargill will need to obtain.

EBDA staff is working to develop scopes of work for consultants to support technical review of Cargill's design, CEQA analysis, and commercial terms for a future Operations Agreement. Any consultant fees would be reimbursed by Cargill. Cargill anticipates providing pipeline plans and EBDA facility connection requirements in May 2026.

Cargill's overall schedule is currently projected as follows:

- Feasibility: Now – 2027
- Planning: 2027 – 2029
- Construction: 2029 – 2031
- Operation: 2031+

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. 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 last radar in the system – the regional C-band – was installed at Mount Barnaby in Marin County the week of November 10, 2025, and is now fully operational. San Francisco Public Utilities Commission (SFPUC), along with AQPI partners, hosted a celebration on March 26, 2026, to mark the culmination of the radar installation program. Chair Johnson represented the EBDA Commission.

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. Long-term funding of $1M annually for the next ten years is being sought to support the Center for Western Weather and Water Extremes (CW3E) at Scripps Institution of Oceanography, UC San Diego, to operate, maintain, and improve the AQPI system. This local funding would begin in Fiscal Year 2026-2027.

In addition, Sonoma Water is seeking reimbursement for the C-band installation. While the total cost is $1.2M, the team has recently determined that $800k in unspent funds under the grant can be used to offset this, bringing the local need down to $400k.

Discussions are continuing regarding cost share among the participating agencies. Staff is recommending that EBDA contribute $60k annually for O&M, and $25k for the one-time C-band reimbursement.

CW3E has prepared and circulated an initial draft Memoranda of Understanding outlining the scope of work for O&M, along with funding commitments. CW3E is currently incorporating comments on the MOU, which may be revised into a Memorandum of Agreement (MOA). The MOA will then be paired with an agreement between CW3E and Bay Area Clean Water Agencies (BACWA), which will serve as the fiscal agent to invoice and pass through the funds.

ITEM NO. OM6 DRAFT RENEWAL AND REPLACEMENT FUND PROJECT LIST FOR FISCAL YEAR 2026/2027

Recommendation
Review proposed Renewal and Replacement Fund (RRF) Project List and provide direction to staff.

Background
Each year, the Commission is asked to approve a list of capital projects to be undertaken in the upcoming fiscal year using funds from the Authority's Renewal and Replacement Fund. The project list is developed using the Authority's Asset Management Plan (AMP), with input from the Managers Advisory Committee (MAC).

Discussion
The Authority's draft RRF Project List for FY 2026/2027 is presented on the following page for the Committee's review and comment, with project explanations on the subsequent pages. Staff plans to bring the final FY 2026/2027 project list to the Commission for consideration in June 2026. Staff is recommending that the agencies' total contribution to the RRF for FY 2026/2027 is $750,000, consistent with the AMP 20-year projection of funding needs. This will be the seventh year that the contribution has been stable at $750,000.

RRF Projects for FY 2026/2027

Facility	Renewal Replacement Fund Items	Projected Completion Date	Estimated Costs
UEPS	Payment #7 of 10 Per JPA	July 2026	$ 420,000
EBDA Office	Replacement Office Network Server	November 2026	$ 40,000
FM	Concrete Vault Lid Replacement	June 2027	$ TBD
FM	Replacement Manway Hatch Covers & Valves	June 2027	$ 35,000
OLEPS	Building Sump Upgrade	June 2027	$ TBD
OLEPS	Hydropneumatic Tank Replacement	June 2027	$ TBD
OLEPS	Diesel Fuel Line Repair	June 2027	$ TBD
OLEPS/All	Conex Storage Container	June 2027	$ 40,000
		FY 2026/2027 Sub-Total	$ TBD
		Small Projects Fund	$ 100,000
		FY 2026/2027 Total	**$ TBD**

UEPS – Payment #7 of 10 per JPA – $420,000
The Amended and Restated Joint Powers Agreement (JPA) states that "in fiscal years from 2020/21 through 2029/30, the Authority will pay Union a total of Four Million, Two-Hundred Thousand dollars ($4,200,000), divided in ten equal and annual installments, as a credit toward their annual budget contribution for Operation and Maintenance Costs, for all Capital Costs associated with the Union Effluent Pump Station during the Term of the Agreement."

EBDA Office – Replacement Office Network Server – $40,000
EBDA's office network server is nearing the end of its useful life and the operating system on EBDA's current office network server will stop being supported in October 2026. This project includes the cost of the new network server and the cost of the programming time to setup the new server and transfer all of the data.

Force Main – Concrete Vault Lid Replacement – $ TBD
One of the concrete vault lids on the EBDA force main near Eden Landing Road is starting to degrade and needs to be replaced. This project is currently out to bid, and the estimated cost will be included in the June Agenda.

Force Main – Replacement Manway Hatch Covers & Valves – $35,000
Fabrication of replacement manway hatch covers for the EBDA force main.

OLEPS – Building Sump Upgrade – $ TBD
Connect the OLEPS building sump, which currently discharges into the OLEPS wet wells, to the OLSD treatment plant drain. This project is currently out to bid, and the estimated cost will be included in the June Agenda.

OLEPS – Hydropneumatic Tank Replacement – $ TBD
Purchase and installation of a new OLEPS Hydropneumatic Tank. The tank was fabricated in 1978 and far outlasted its life expectancy. This project is currently out to bid, and the estimated cost will be included in the June Agenda.

OLEPS – Diesel Fuel Line Repair – $ TBD
Replacement of some of the old diesel fuel lines inside OLEPS that are starting to weep. As part of our Spill Prevention Control and Countermeasure (SPCC) Plan, the OLEPS diesel fuel lines are inspected on a regular basis, and this project is necessary to stay in compliance with the Alameda County Certified Unified Program Agency (CUPA). This project is currently out to bid, and the estimated cost will be included in the June Agenda.

OLEPS/All – Conex Storage Container – $40,000
Purchase of a 40-foot Conex Storage Container with four rollup garage doors on one side, including the concrete footings under the container. The storage container will be placed at OLEPS and store spare equipment and parts such as the replacement manway hatch covers and the force main repair couplings. EBDA does not currently have any storage other than inside the garage door at OLEPS and inside the shop at MDF (with no forklift access).

Small Projects Fund (formerly Contingency Fund) – $100,000
The purpose of the Small Projects Fund is to provide additional funding for unidentified projects and/or equipment that may need to be replaced or refurbished in FY 2026/2027. Much of the smaller ancillary equipment and components that the Authority owns are operated with the intent to 'run to failure.' This is a common practice at wastewater facilities with these types of assets, which include fans, valves, actuators, and small pumps and motors. While preventive maintenance is completed on a regular basis, forecasting an exact date of failure is not possible. The criteria for 'run to failure' are both that the equipment can be readily procured and that there is sufficient redundancy to meet system firm capacity. In some cases, staff will purchase critical items and have them on the shelf, reducing system equipment downtime.

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